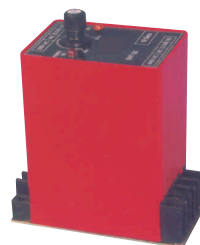
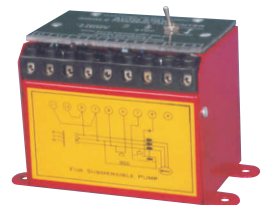
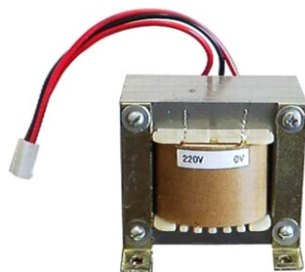


CATALOGUE

(FULL)



ABOUT SRI VAARII AUTOMATION

After successfully establishing a market for proximity sensors through a nation-wide dealer's network, Vaarii has entered into the manufacturing of Transformers and Automation Panels. With the addition of this product, the company is poised to record overall sales growth of a minimum of 125% in the current year. The quality control of Vaarii products starts from basic raw material and continues right up to all stages of production, down to the finished product testing & even to final usage, where we extend services to our customer in the proper handling of Inductive Proximity Sensors and other related products. We have steadily progressed over a strong infra structural base, which enables us to be stable and grow higher to reach the peak of success. Our well equipped factory enables us to manufacture products in-house with much ease and precision; helping us fabricate the best for our clients.

OUR PRODUCTS

SENSORS

- ☞ Proximity Sensors (Wire Type)
- ☞ Proximity Sensors (Plug in Type)
- ☞ Photoelectric Diffuse Scan Sensors
- ☞ Photoelectric Through Beam Sensors
- ☞ Customized Special Sensors
- ☞ Sensor Cables

TRANSFORMERS

- ☞ Textile Transformers (3 VA to 2 KVA)
- ☞ Special Purpose Transformers
- ☞ Customized Transformers

AUTOMATION PRODUCTS

- ☞ Customized Automation
- ☞ Customized Panels

Principle of Operation

In Advanced Machine Control and Monitoring Systems , Contact less Detection of Metallic Targets is accomplished by Inductive Proximity Sensors. These Electronic Sensors Generate Clean Digital Signals in the Proximity Metallic Object Without any Contact Bounce Problems.

Sensing Distances

The Published Nominal Sensing Distance S_n is Obtained by Using a Standard Square Target Made from 1mm Steel Material (EN 36) having a Side Length 'm' Equal to the Diameter 'd' of the Sensor Active Sensing Surface.

Spherical or Smaller Targets will Result in a Smaller Nominal Sensing Distance. Thin Foils or Larger Targets , on the Other Hand , will Slightly Increase the Sensing Distance

A List of Common Materials with their Correction Factors for the Sensing Distances Given

Sensing Hypothesis

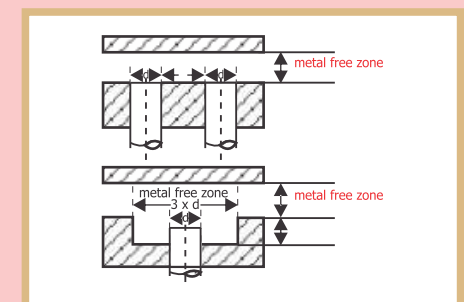
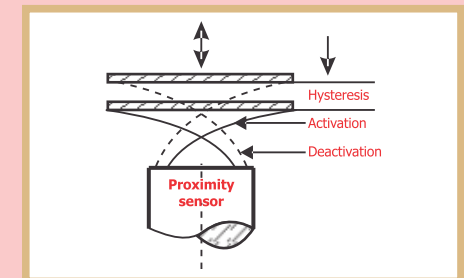
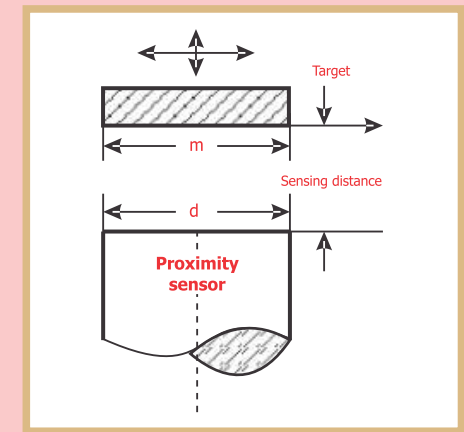
Stainless Steel	$0.8 \times S_n$
Aluminium	$0.4 \times S_n$
Brass	$0.5 \times S_n$
Copper	$0.3 \times S_n$

A Sensing Hysteresis is Incorporated in all Inductive Proximity Sensor for Reliable Operation. This is in Effect the Difference between the Sensing Activation Distance when the Target Moving Towards the Sensor and Sensing Deactivation Distance when Target is Moving away from the Sensor.

Sensor Mounting Techniques

Shielded Proximity Sensor Flush Type can be Mounted in a Metallic Material Without of any Deterioration in Sensing Performance as Long as Active Sensor Surface Either Protrudes or is Mounted Flush with the Surface. If more than 1 Flush Type Sensors are Mounted Each Sensor Should have Minimum 1 Diameter Clearance Between Each Sensor. For Non Flush Type Sensors 3 Times the Diameter has to be Maintained

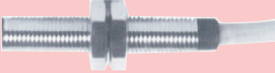
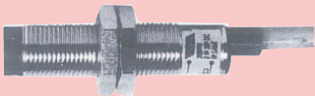
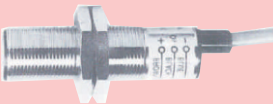
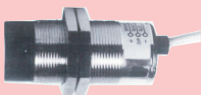
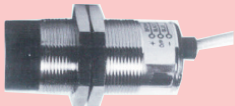
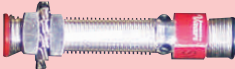
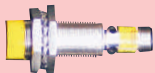
Drawing Showing Mounting Techniques



DC SWITCHES	SPECIFICATIONS	AC SWITCHES
5 - 30 V DC	Supply Voltage	90 - 230 V AC 50 Hz
10 mA	Current Consumption	6 mA
10%	Hysteresis	10%
0.3 V max	Voltage drop	6 - 10 V
-20°C to 60°C	Operating Temperature	-20°C to 60°C
-	Minimum Load Current	7 mA
200 mA	Maximum Load Current	250 mA
Red led	Function Indication	Red led
Chrome plated brass	Housing	Chrome plated brass
Fe = 1.0, Ch & Ni = 0.9	Sensing dis. Correction factors	Fe = 1.0, Ch & Ni = 0.9
2 KHz	Operating Frequency	20 Hz

INDUCTIVE TYPE PROXIMITY SENSORS



TYPE	MODEL	Sensing(mm)	CONTACT
	M 08 DC NPN FLUSH	1.0	NO / NC
	M 08 DC PNP FLUSH	1.0	NO / NC
TYPE	MODEL	Sensing(mm)	CONTACT
	M 08 DC NPN NON-FLUSH	2.0	NO / NC
	M 08 DC PNP NON-FLUSH	2.0	NO / NC
TYPE	MODEL	Sensing(mm)	CONTACT
	M 12 DC NPN FLUSH	2.0	NO / NC
	M 12 DC PNP FLUSH	2.0	NO / NC
	M 12 AC FLUSH	2.0	NO / NC
TYPE	MODEL	Sensing(mm)	CONTACT
	M 12 DC NPN NON-FLUSH	4.0	NO / NC
	M 12 DC PNP NON-FLUSH	4.0	NO / NC
	M 12 AC NON-FLUSH	4.0	NO / NC
TYPE	MODEL	Sensing(mm)	CONTACT
	M 18 DC NPN FLUSH	5.0	NO / NC
	M 18 DC PNP FLUSH	5.0	NO / NC
	M 18 AC FLUSH	5.0	NO / NC
TYPE	MODEL	Sensing(mm)	CONTACT
	M 18 DC PNP NON-FLUSH	8.0	NO / NC
	M 18 DC NPN NON-FLUSH	8.0	NO / NC
	M 18 AC NON-FLUSH	8.0	NO / NC
TYPE	MODEL	Sensing(mm)	CONTACT
	M 30 DC NPN FLUSH	10.0	NO / NC
	M 30 DC PNP FLUSH	10.0	NO / NC
	M 30 AC FLUSH	10.0	NO / NC
TYPE	MODEL	Sensing(mm)	CONTACT
	M 30 DC NPN NON-FLUSH	15.0	NO / NC
	M 30 DC PNP NON-FLUSH	15.0	NO / NC
	M 30 AC NON-FLUSH	15.0	NO / NC
TYPE	MODEL	Sensing(mm)	CONTACT
	M 36 DC NPN FLUSH	15.0	NO / NC
	M 36 DC PNP FLUSH	15.0	NO / NC
	M 36 AC FLUSH	15.0	NO / NC
TYPE	MODEL	Sensing(mm)	CONTACT
	M 36 DC NPN NON-FLUSH	15.0	NO / NC
	M 36 DC PNP NON-FLUSH	15.0	NO / NC
	M 36 AC NON-FLUSH	15.0	NO / NC
TYPE	MODEL	Sensing(mm)	CONTACT
	M 12 CONNECTOR NPN FLUSH	2.0	NO / NC
	M 12 CONNECTOR PNP FLUSH	2.0	NO / NC
TYPE	MODEL	Sensing(mm)	CONTACT
	M 18 CONNECTOR NPN NON-FLUSH	8.0	NO / NC
	M 18 CONNECTOR PNP NON-FLUSH	8.0	NO / NC

* Special sizes are available on request

Designed for Immense Quality

M8 CONNECTOR	MODEL
	M8 NPN FLUSH
	M8 PNP FLUSH

CABLE	MODEL
	2 Mtrs
	3 Mtrs
	5 Mtrs

AUTO START	MODEL
	Compressor 7 min
	Submersible 25 sec

RAPID STOP	MODEL
	RAPID STOP

PANEL TIMER	MODEL
	Seconds - On / Off
	Minutes - On / Off

ENCODER	MODEL
	10 - 90 PPR
	100 - 500 PPR
	600 - 1500 PPR

ELECTRONIC TIMER	MODEL
	SVT 01S Seconds - On / Off
	SVT 01M Minutes - On / Off

STEP SWITCH	MODEL
	Step Switch

SLEEK TIMER	MODEL
	SVT 02S - Seconds On / Off
	SVT 02M - Minutes On / Off
	SVT 04 - Selectable On / Off
	Economical Model - 1 C/O

POWER SUPPLY	MODEL
	Proximity Power Supply - 1C/O
	Proximity Power Supply - 2C/O

CATALOGUE

(M08)

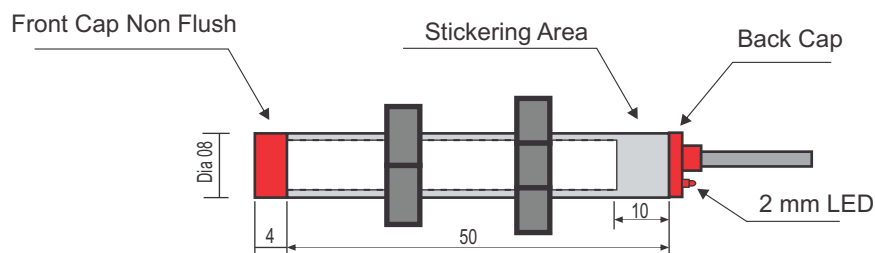
SVA 08 DC NPN NON FLUSH

SVA 08 DC PNP NON FLUSH

SVA 08 DC NPN FLUSH

SVA 08 DC PNP FLUSH

Dimensions



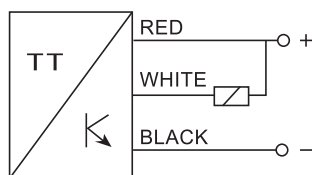
Model Number

SVA 08 DC NPN NON FLUSH

Features

- Standard Series
- 1.5 mm Sensing Non Flush
- NPN, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function NPN, NO / NC

Rated Operating Distance S_n 1.5 mm $\pm$ 10%

Type Non Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 2000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Red Color

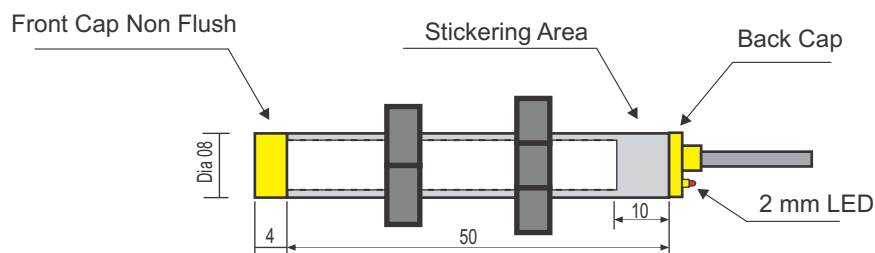
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



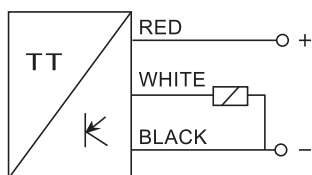
Model Number

SVA 08 DC PNP NON FLUSH

Features

- Standard Series
- 1.5 mm Sensing Non Flush
- PNP, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function	PNP, NO / NC
Rated Operating Distance	S_n 1.5 mm $\pm$ 10%
Type	Non Flush

Nominal Ratings

Supply Voltage	U_e	10-30 VDC
Frequency of Operating cycle	f	2000 Hz
Hysteresis/Differential travel	H	<10%
Rated Operating Current	I_e	500 mA
No-Load Supply Current	I_o	< 15 mA
Voltage Drop	U_d	< 2.2Vdc
OFF State Current	I_r	< 0.1mA
Rated Insulation Voltage	U_i	75 Vdc
Utilization Category		DC-13
Repeatability/ Repeat Accuracy	R	0.1 mm
Protection Circuit		Polarity Reversal
Function Indication		LED

Ambient Conditions

Operating Temperature	-25° C to +70° C
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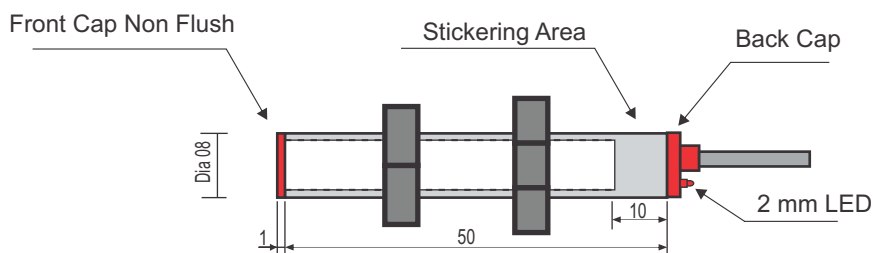
Mechanical Specifications

Connection Type	Cable PVC, 3 Core - 2 Mtrs.
Core Cross-section	22 AWG
Housing Material	Brass Housing with Nickel Plated
Sensing Face	ABS - Yellow Color
Degree of Protection	IP67

Compliance with Standards and Directives

Standards Conformity	EN 60947- 5-2
Approval	CE

Dimensions



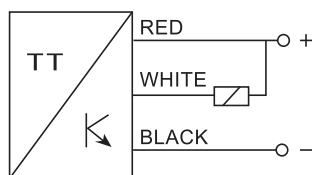
Model Number

SVA 08 DC NPN FLUSH

Features

- Standard Series
- 1 mm Sensing Flush
- NPN, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function NPN, NO / NC

Rated Operating Distance S_n 1 mm $\pm$ 10%

Type Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 2000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Red Color

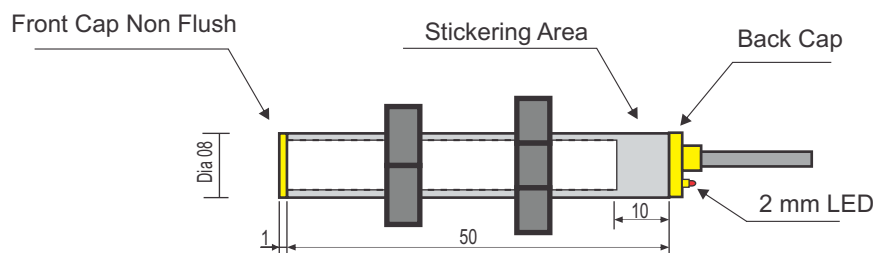
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



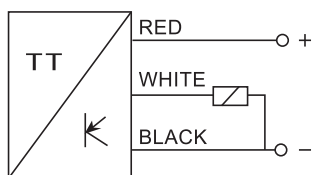
Model Number

SVA 08 DC PNP FLUSH

Features

- Standard Series
- 1 mm Sensing Non Flush
- PNP, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function PNP, NO / NC

Rated Operating Distance S_n 1 mm $\pm$ 10%

Type Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 2000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Yellow Color

Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

CATALOGUE

(M12)

SVA 12 DC NPN NON FLUSH

SVA 12 DC PNP NON FLUSH

SVA 12 AC NO NON FLUSH

SVA 12 AC NC NON FLUSH

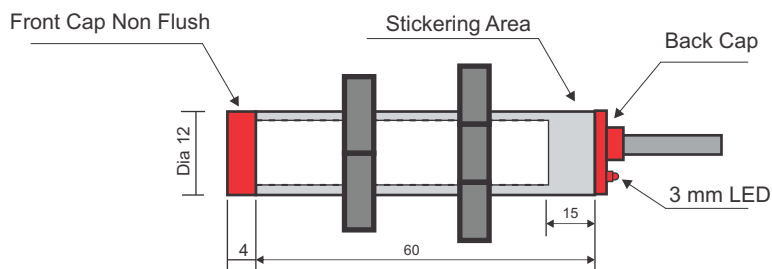
SVA 12 DC PNP FLUSH

SVA 12 DC NPN FLUSH

SVA 12 AC FLUSH

SVA 12 AC NO FLUSH

Dimensions



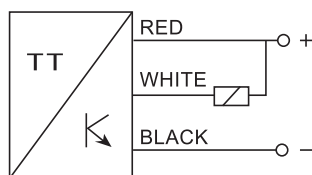
Model Number

SVA 12 DC NPN NON FLUSH

Features

- Standard Series
- 4 mm Sensing Non Flush
- NPN, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function NPN, NO / NC

Rated Operating Distance S_n 4 mm $\pm$ 10%

Type Non Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel **H** <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy **R** 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Red Color

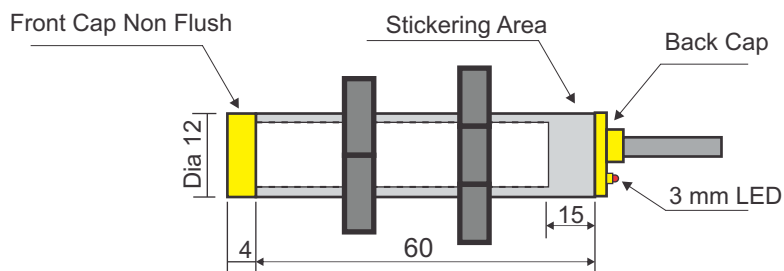
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



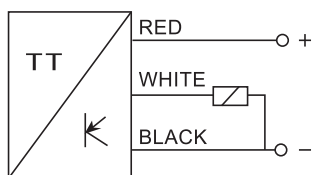
Model Number

SVA 12 DC PNP NON FLUSH

Features

- Standard Series
- 4 mm Sensing Flush
- PNP, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function PNP, NO / NC

Rated Operating Distance S_n 4 mm $\pm$ 10%

Type Non Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Yellow Color

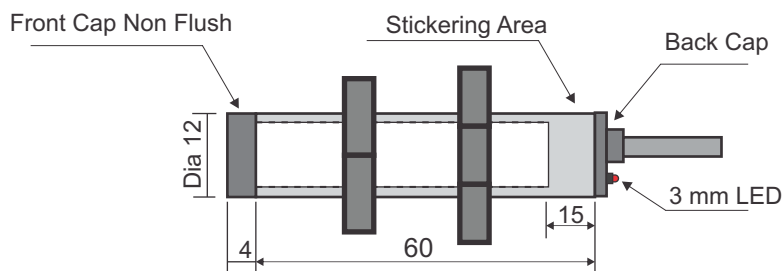
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



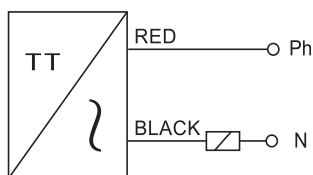
Model Number

SVA 12 AC NO NON FLUSH

Features

- Standard Series
- 4 mm Sensing Non Flush
- NC
- 2 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function	NC
Rated Operating Distance	S_n 4 mm $\pm$ 10%
Type	Non Flush

Nominal Ratings

Supply Voltage	U_e	90-230 VAC
Frequency of Operating cycle	f	25 Hz
Hysteresis/Differential travel	H	<10%
Rated Operating Current	I_e	500 mA
No-Load Supply Current	I_o	< 15 mA
Voltage Drop	U_d	< 2.2VAC
OFF State Current	I_r	< 0.1mA
Rated Insulation Voltage	U_i	75 Vdc
Utilization Category		AC-13
Repeatability/ Repeat Accuracy	R	0.1 mm
Protection Circuit		Polarity Reversal
Function Indication		LED

Ambient Conditions

Operating Temperature	-25° C to +70° C
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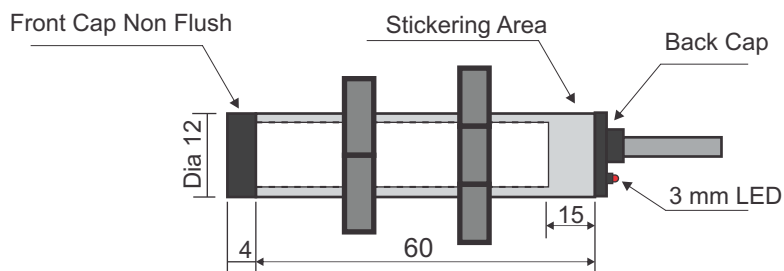
Mechanical Specifications

Connection Type	Cable PVC, 2 Core - 2 Mtrs.
Core Cross-section	22 AWG
Housing Material	Brass Housing with Nickel Plated
Sensing Face	ABS - Grey Color
Degree of Protection	IP 65

Compliance with Standards and Directives

Standards Conformity	EN 60947- 5-2
Approval	CE

Dimensions



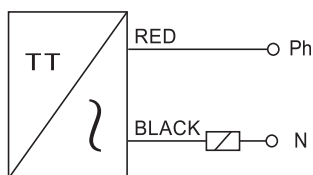
Model Number

SVA 12 AC NO NON FLUSH

Features

- Standard Series
- 4 mm Sensing Non Flush
- NO
- 2 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function	NO
Rated Operating Distance	S_n 4 mm $\pm$ 10%
Type	Non Flush

Nominal Ratings

Supply Voltage	U_e	90-230 VAC
Frequency of Operating cycle	f	25 Hz
Hysteresis/Differential travel	H	<10%
Rated Operating Current	I_e	500 mA
No-Load Supply Current	I_o	< 15 mA
Voltage Drop	U_d	< 2.2VAC
OFF State Current	I_r	< 0.1mA
Rated Insulation Voltage	U_i	75 Vdc
Utilization Category		AC-13
Repeatability/ Repeat Accuracy	R	0.1 mm
Protection Circuit		Polarity Reversal
Function Indication		LED

Ambient Conditions

Operating Temperature	-25° C to +70° C
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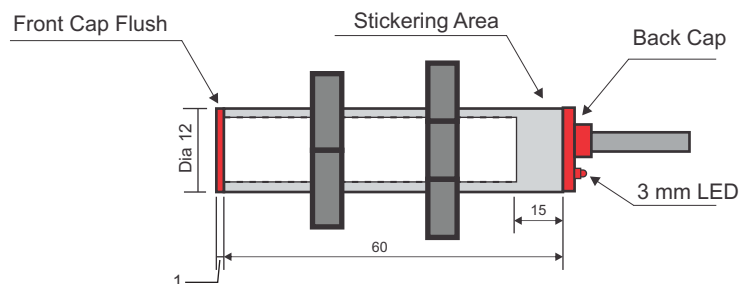
Mechanical Specifications

Connection Type	Cable PVC, 2 Core - 2 Mtrs.
Core Cross-section	22 AWG
Housing Material	Brass Housing with Nickel Plated
Sensing Face	ABS - Black Color
Degree of Protection	IP 65

Compliance with Standards and Directives

Standards Conformity	EN 60947- 5-2
Approval	CE

Dimensions



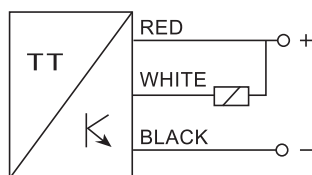
Model Number

SVA 12 DC NPN FLUSH

Features

- Standard Series
- 2 mm Sensing Flush
- NPN, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function NPN, NO / NC

Rated Operating Distance S_n 2 mm $\pm$ 10%

Type Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel **H** <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy **R** 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Red Color

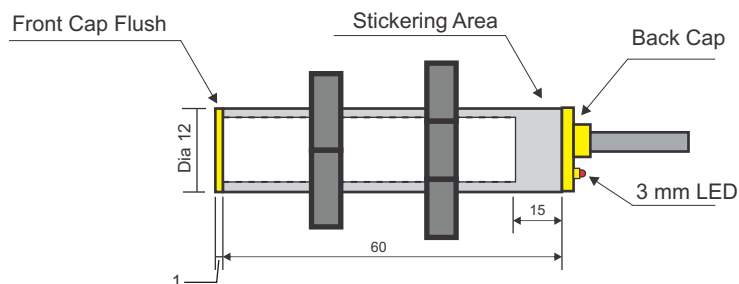
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



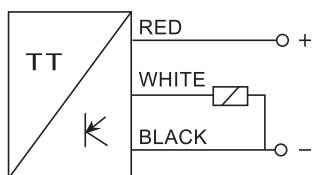
Model Number

SVA 12 DC PNP FLUSH

Features

- Standard Series
- 2 mm Sensing Flush
- PNP, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function PNP, NO / NC

Rated Operating Distance S_n 2 mm $\pm$ 10%

Type Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Yellow Color

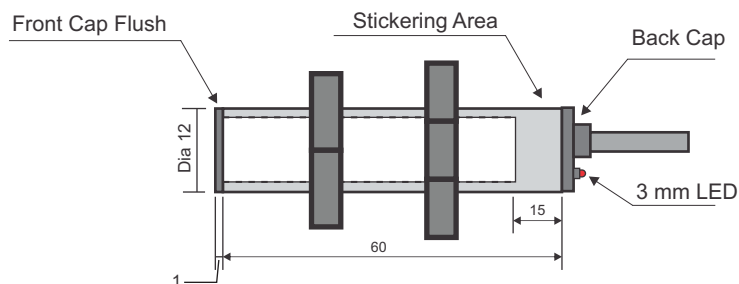
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



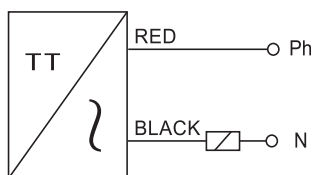
Model Number

SVA 12 AC NO FLUSH

Features

- Standard Series
- 2 mm Sensing Flush
- NC
- 2 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function	NC	
Rated Operating Distance	S _n	2 mm ± 10%
Type	Flush	

Nominal Ratings

Supply Voltage	U_e	90-230 VAC
Frequency of Operating cycle	f	25 Hz
Hysteresis/Differential travel	H	<10%
Rated Operating Current	I_e	500 mA
No-Load Supply Current	I_o	< 15 mA
Voltage Drop	U_d	< 2.2VAC
OFF State Current	I_r	< 0.1mA
Rated Insulation Voltage	U_i	75 Vdc
Utilization Category		AC-13
Repeatability/ Repeat Accuracy	R	0.1 mm
Protection Circuit		Polarity Reversal
Function Indication		LED

Ambient Conditions

Operating Temperature	-25° C to +70° C
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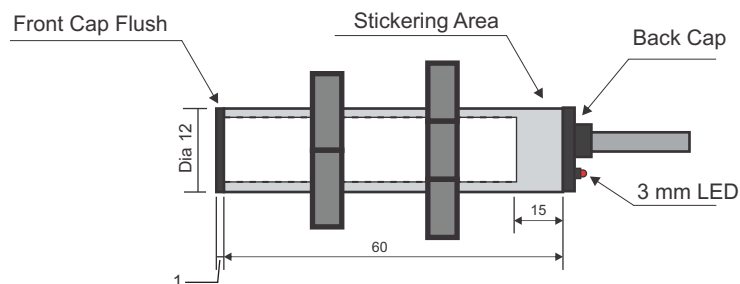
Mechanical Specifications

Connection Type	Cable PVC, 2 Core - 2 Mtrs.
Core Cross-section	22 AWG
Housing Material	Brass Housing with Nickel Plated
Sensing Face	ABS - Grey Color
Degree of Protection	IP 65

Compliance with Standards and Directives

Standards Conformity	EN 60947- 5-2
Approval	CE

Dimensions



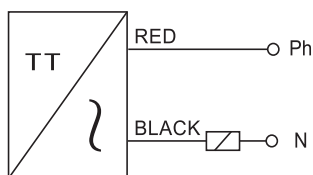
Model Number

SVA 12 AC NO FLUSH

Features

- Standard Series
- 2 mm Sensing Flush
- NO
- 2 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function	NC	
Rated Operating Distance	S _n	2 mm ± 10%
Type	Flush	

Nominal Ratings

Supply Voltage	U_e	90-230 VAC
Frequency of Operating cycle	f	25 Hz
Hysteresis/Differential travel	H	<10%
Rated Operating Current	I_e	500 mA
No-Load Supply Current	I_o	< 15 mA
Voltage Drop	U_d	< 2.2VAC
OFF State Current	I_r	< 0.1mA
Rated Insulation Voltage	U_i	75 Vdc
Utilization Category		AC-13
Repeatability/ Repeat Accuracy	R	0.1 mm
Protection Circuit		Polarity Reversal
Function Indication		LED

Ambient Conditions

Operating Temperature	-25° C to +70° C
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Mechanical Specifications

Connection Type	Cable PVC, 2 Core - 2 Mtrs.
Core Cross-section	22 AWG
Housing Material	Brass Housing with Nickel Plated
Sensing Face	ABS - Black Color
Degree of Protection	IP 65

Compliance with Standards and Directives

Standards Conformity	EN 60947- 5-2
Approval	CE

CATALOGUE

(M18)

SVA 18 DC NPN NON FLUSH

SVA 18 DC PNP NON FLUSH

SVA 18 AC NO NON FLUSH

SVA 18 AC NC NON FLUSH

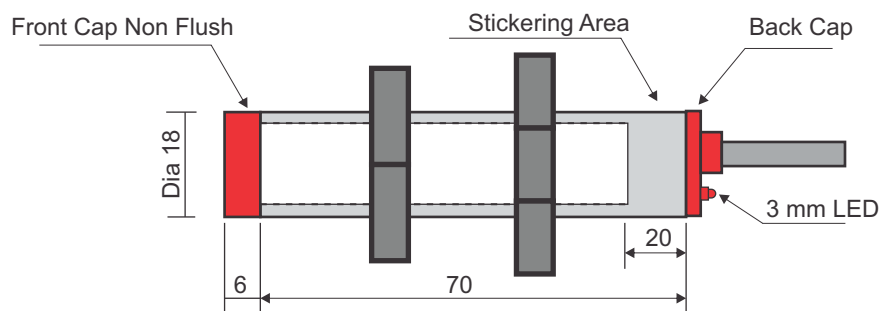
SVA 18 DC PNP FLUSH

SVA 18 DC NPN FLUSH

SVA 18 AC FLUSH

SVA 18 AC NO FLUSH

Dimensions



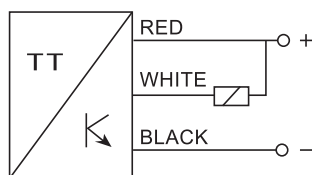
Model Number

SVA 18 DC NPN NON FLUSH

Features

- Standard Series
- 8 mm Sensing / Non Flush
- NPN, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function NPN, NO / NC

Rated Operating Distance S_n 8 mm $\pm$ 10%

Type Non Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Red Color

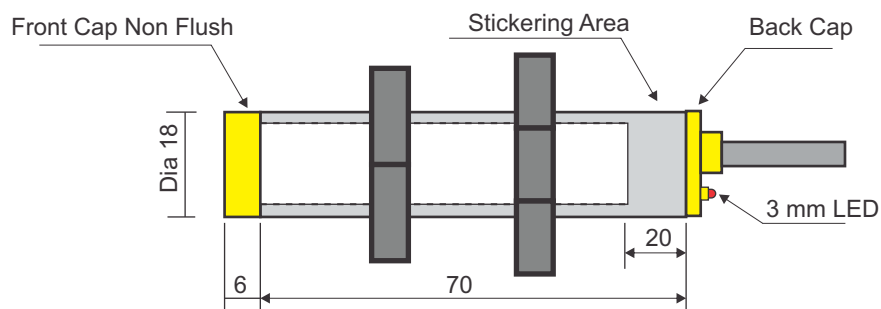
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



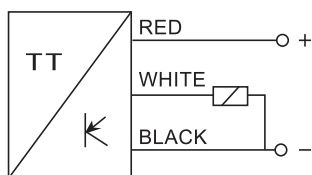
Model Number

SVA 18 DC PNP NON FLUSH

Features

- Standard Series
- 8 mm Sensing NonFlush
- PNP, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function PNP, NO / NC

Rated Operating Distance S_n 8 mm $\pm$ 10%

Type Non Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel **H** <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy **R** 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Red Color

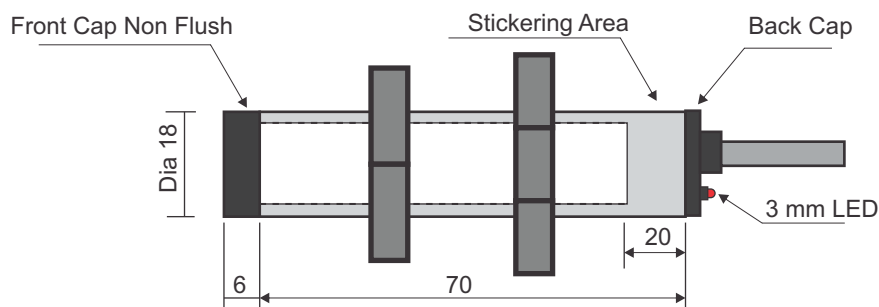
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



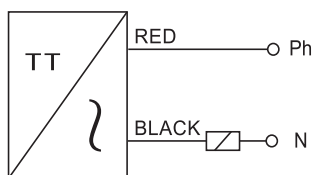
Model Number

SVA 18 AC NO NON FLUSH

Features

- Standard Series
- 8 mm Sensing NonFlush
- NO
- 2 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function	NO
Rated Operating Distance	S_n 8 mm $\pm$ 10%
Type	Non Flush

Nominal Ratings

Supply Voltage	U_e	90-230 VDC
Frequency of Operating cycle	f	25 Hz
Hysteresis/Differential travel	H	<10%
Rated Operating Current	I_e	500 mA
No-Load Supply Current	I_o	< 15 mA
Voltage Drop	U_d	< 2.2VAC
OFF State Current	I_r	< 0.1mA
Rated Insulation Voltage	U_i	75 VAC
Utilization Category		AC-13
Repeatability/ Repeat Accuracy	R	0.1 mm
Protection Circuit		Polarity Reversal
Function Indication		LED

Ambient Conditions

Operating Temperature	-25° C to +70° C
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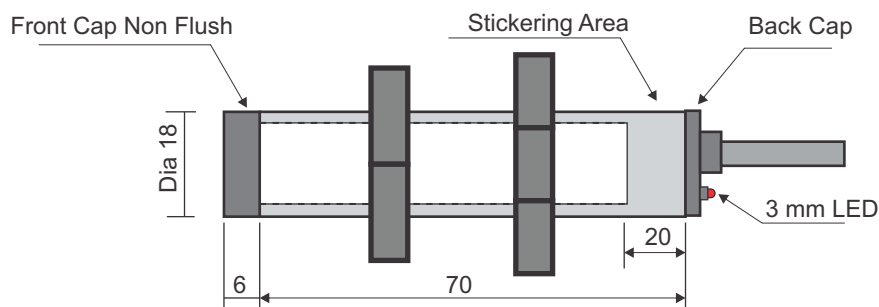
Mechanical Specifications

Connection Type	Cable PVC, 2 Core - 2 Mtrs.
Core Cross-section	22 AWG
Housing Material	Brass Housing with Nickel Plated
Sensing Face	ABS - Black Color
Degree of Protection	IP 65

Compliance with Standards and Directives

Standards Conformity	EN 60947- 5-2
Approval	CE

Dimensions



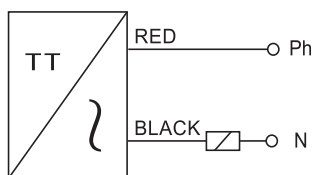
Model Number

SVA 18 AC NC NON FLUSH

Features

- Standard Series
- 8 mm Sensing NonFlush
- NC
- 2 Wire AC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function	NC	
Rated Operating Distance	S_n	8 mm ± 10%
Type	Non Flush	

Nominal Ratings

Supply Voltage	U_e	90-230 VDC
Frequency of Operating cycle	f	25 Hz
Hysteresis/Differential travel	H	<10%
Rated Operating Current	I_e	500 mA
No-Load Supply Current	I_o	< 15 mA
Voltage Drop	U_d	< 2.2VAC
OFF State Current	I_r	< 0.1mA
Rated Insulation Voltage	U_i	75 VAC
Utilization Category		AC-13
Repeatability/ Repeat Accuracy	R	0.1 mm
Protection Circuit		Polarity Reversal
Function Indication		LED

Ambient Conditions

Operating Temperature	-25° C to +70° C
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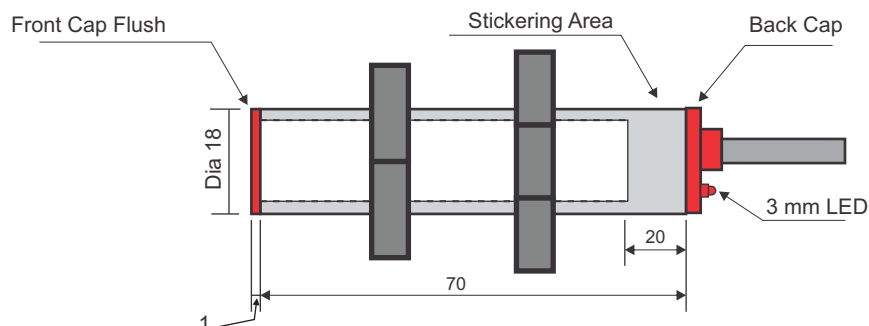
Mechanical Specifications

Connection Type	Cable PVC, 2 Core - 2 Mtrs.
Core Cross-section	22 AWG
Housing Material	Brass Housing with Nickel Plated
Sensing Face	ABS - Grey Color
Degree of Protection	IP 65

Compliance with Standards and Directives

Standards Conformity	EN 60947- 5-2
Approval	CE

Dimensions



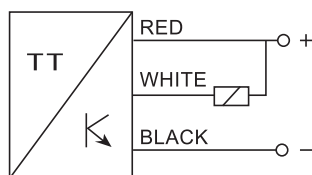
Model Number

SVA 18 DC NPN FLUSH

Features

- Standard Series
- 5 mm Sensing Flush
- NPN, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function NPN, NO / NC

Rated Operating Distance S_n 5 mm $\pm$ 10%

Type Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Red Color

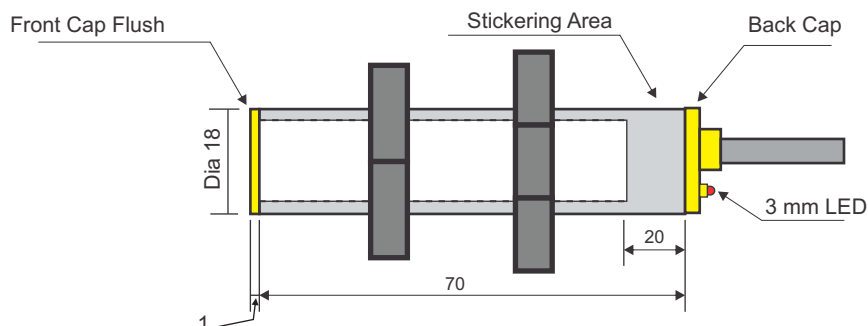
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



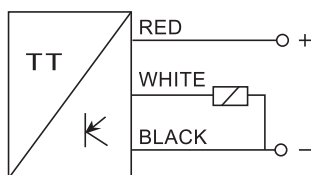
Model Number

SVA 18 DC PNP FLUSH

Features

- Standard Series
- 5 mm Sensing Flush
- PNP, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function PNP, NO / NC

Rated Operating Distance S_n 5 mm $\pm$ 10%

Type Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Yellow Color

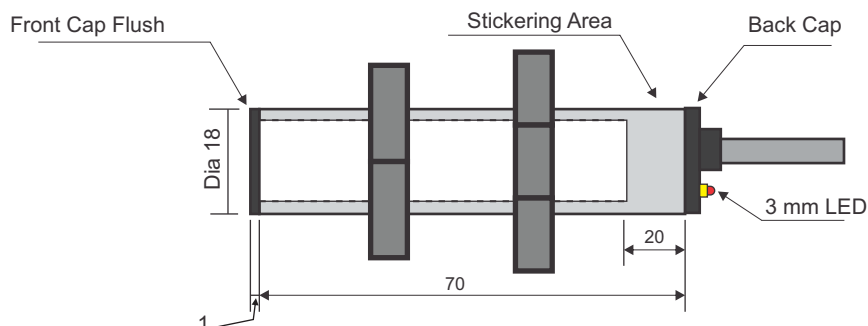
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



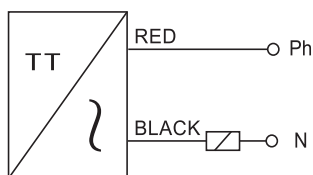
Model Number

SVA 18 AC NO FLUSH

Features

- Standard Series
- 5 mm Sensing Flush
- NO
- 2 Wire AC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function	NO
Rated Operating Distance	S_n 5 mm $\pm$ 10%
Type	Flush

Nominal Ratings

Supply Voltage	U_e	90-230 VAC
Frequency of Operating cycle	f	25 Hz
Hysteresis/Differential travel	H	<10%
Rated Operating Current	I_e	500 mA
No-Load Supply Current	I_o	< 15 mA
Voltage Drop	U_d	< 2.2VAC
OFF State Current	I_r	< 0.1mA
Rated Insulation Voltage	U_i	75 Vdc
Utilization Category		AC-13
Repeatability/ Repeat Accuracy	R	0.1 mm
Protection Circuit		Polarity Reversal
Function Indication		LED

Ambient Conditions

Operating Temperature	-25° C to +70° C
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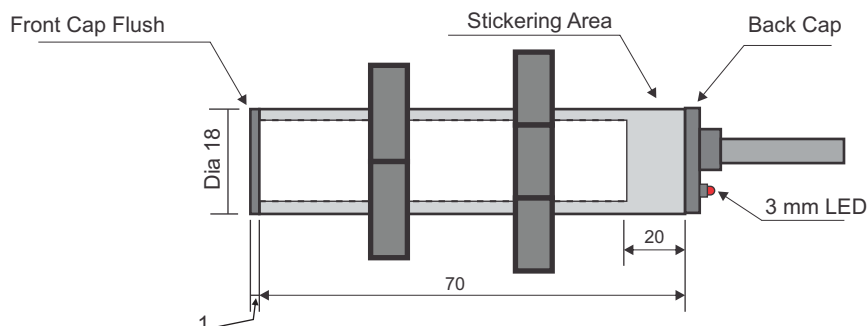
Mechanical Specifications

Connection Type	Cable PVC, 2 Core - 2 Mtrs.
Core Cross-section	22 AWG
Housing Material	Brass Housing with Nickel Plated
Sensing Face	ABS - Black Color
Degree of Protection	IP 65

Compliance with Standards and Directives

Standards Conformity	EN 60947- 5-2
Approval	CE

Dimensions



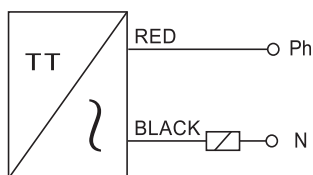
Model Number

SVA 18 AC NC FLUSH

Features

- Standard Series
- 5 mm Sensing Flush
- NC
- 2 Wire AC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function	NC
Rated Operating Distance	S_n 5 mm $\pm$ 10%
Type	Flush

Nominal Ratings

Supply Voltage	U_e	90-230 VAC
Frequency of Operating cycle	f	25 Hz
Hysteresis/Differential travel	H	<10%
Rated Operating Current	I_e	500 mA
No-Load Supply Current	I_o	< 15 mA
Voltage Drop	U_d	< 2.2VAC
OFF State Current	I_r	< 0.1mA
Rated Insulation Voltage	U_i	75 Vdc
Utilization Category		AC-13
Repeatability/ Repeat Accuracy	R	0.1 mm
Protection Circuit		Polarity Reversal
Function Indication		LED

Ambient Conditions

Operating Temperature	-25° C to +70° C
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Mechanical Specifications

Connection Type	Cable PVC, 2 Core - 2 Mtrs.
Core Cross-section	22 AWG
Housing Material	Brass Housing with Nickel Plated
Sensing Face	ABS - Grey Color
Degree of Protection	IP 65

Compliance with Standards and Directives

Standards Conformity	EN 60947- 5-2
Approval	CE

CATALOGUE

(M30)

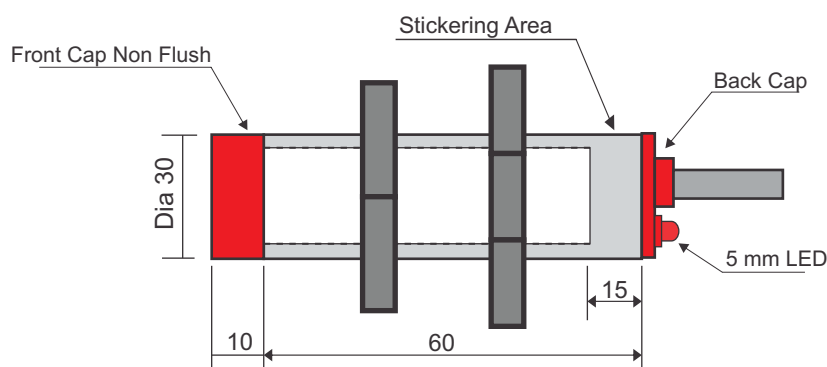
SVA 30 DC NPN NON FLUS15

SVA 30 DC PNP NON FLUSH

SVA 30 DC NPN FLUSH

SVA 30 DC PNP FLUSH

Dimensions



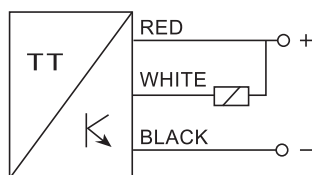
Model Number

SVA 30 DC NPN NON FLUSH

Features

- Standard Series
- 15 mm Sensing Non Flush
- NPN, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function NPN, NO / NC

Rated Operating Distance S_n 15 mm $\pm$ 10%

Type Non Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Red Color

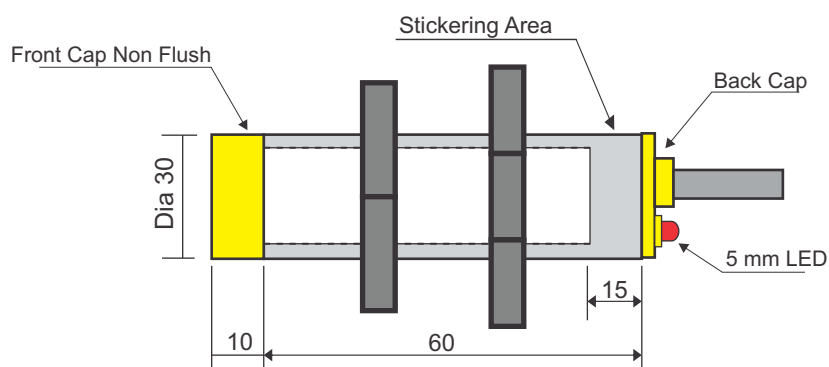
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



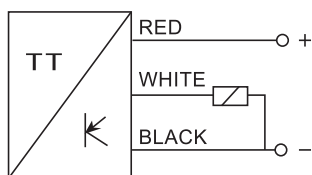
Model Number

SVA 30 DC PNP NON FLUSH

Features

- Standard Series
- 15 mm Sensing Flush
- PNP, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function PNP, NO / NC

Rated Operating Distance S_n 15 mm $\pm$ 10%

Type Non Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Yellow Color

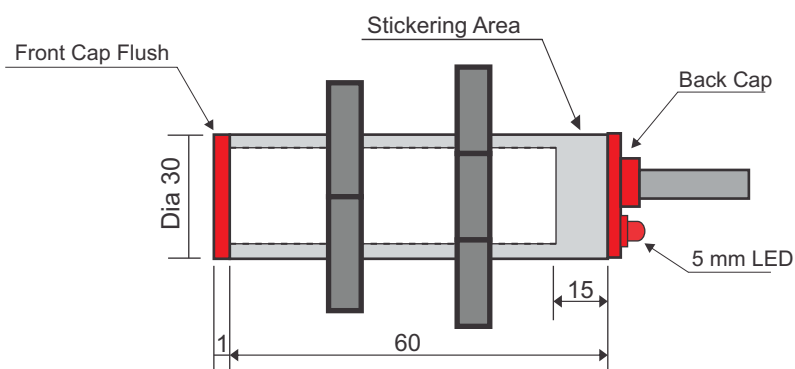
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



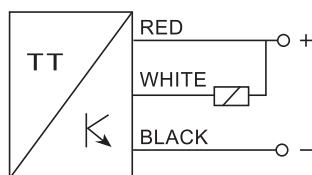
Model Number

SVA 30 DC NPN FLUSH

Features

- Standard Series
- 10 mm Sensing Flush
- NPN, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function NPN, NO / NC

Rated Operating Distance S_n 10 mm $\pm$ 10%

Type Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Red Color

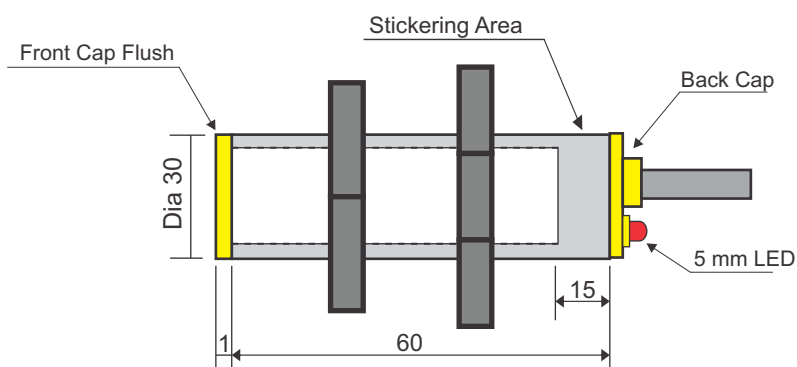
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



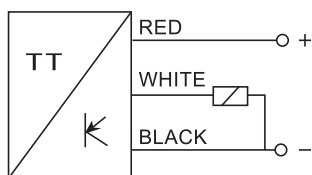
Model Number

SVA 30 DC PNP FLUSH

Features

- Standard Series
- 10 mm Sensing Flush
- PNP, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function PNP, NO / NC

Rated Operating Distance S_n 10 mm $\pm$ 10%

Type Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Yellow Color

Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

CATALOGUE

(M36)

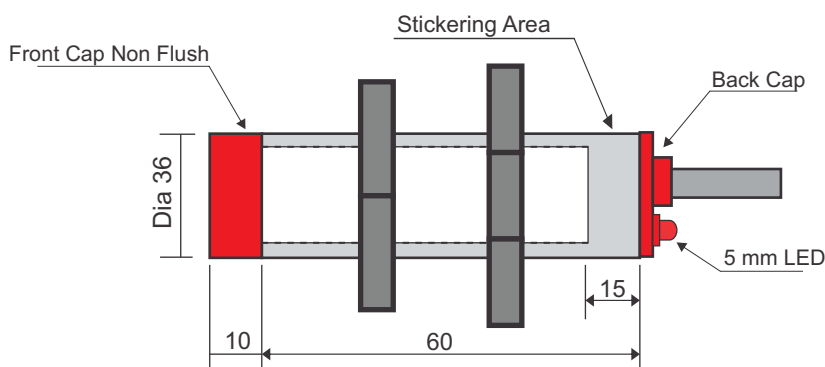
SVA 36 DC NPN NON FLUS15

SVA 36 DC PNP NON FLUSH

SVA 36 DC NPN FLUSH

SVA 36 DC PNP FLUSH

Dimensions



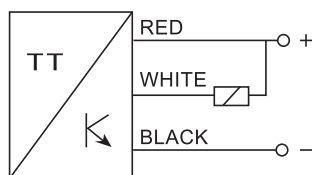
Model Number

SVA 36 DC NPN NON FLUSH

Features

- Standard Series
- 20 mm Sensing Non Flush
- NPN, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function NPN, NO / NC

Rated Operating Distance S_n 20 mm $\pm$ 10%

Type Non Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Red Color

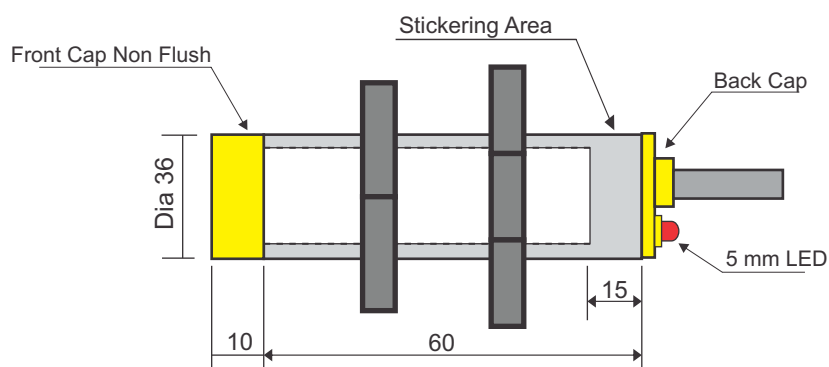
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



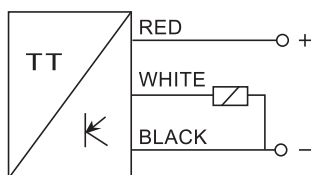
Model Number

SVA 36 DC PNP NON FLUSH

Features

- Standard Series
- 20 mm Sensing Flush
- PNP, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function PNP, NO / NC

Rated Operating Distance S_n 20 mm $\pm$ 10%

Type Non Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Yellow Color

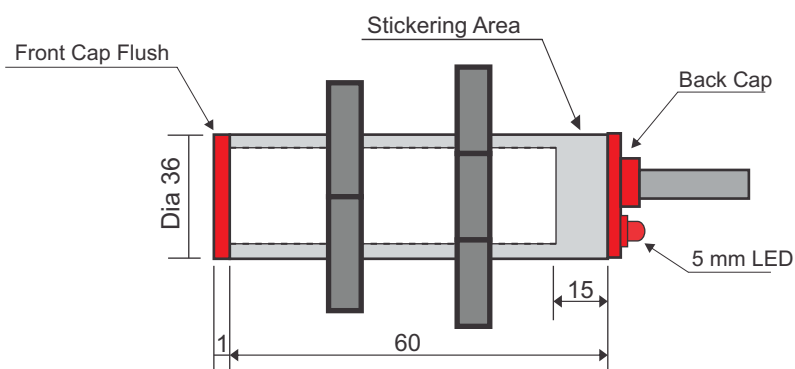
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



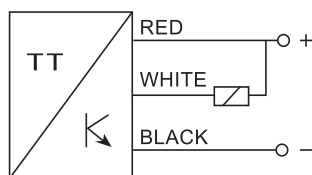
Model Number

SVA 36 DC NPN FLUSH

Features

- Standard Series
- 15 mm Sensing Flush
- NPN, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function NPN, NO / NC

Rated Operating Distance S_n 15 mm $\pm$ 10%

Type Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Red Color

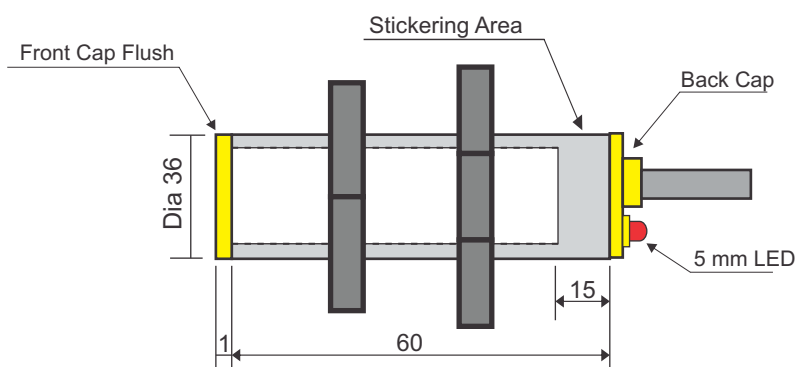
Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

Dimensions



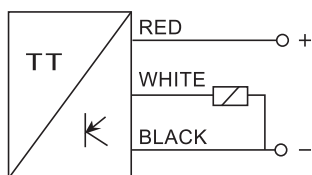
Model Number

SVA 36 DC PNP FLUSH

Features

- Standard Series
- 15 mm Sensing Flush
- PNP, NO/NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function PNP, NO / NC

Rated Operating Distance S_n 15 mm $\pm$ 10%

Type Flush

Nominal Ratings

Supply Voltage U_e 10-30 VDC

Frequency of Operating cycle f 1000 Hz

Hysteresis/Differential travel H <10%

Rated Operating Current I_e 500 mA

No-Load Supply Current I_o < 15 mA

Voltage Drop U_d < 2.2Vdc

OFF State Current I_r < 0.1mA

Rated Insulation Voltage U_i 75 Vdc

Utilization Category DC-13

Repeatability/ Repeat Accuracy R 0.1 mm

Protection Circuit Polarity Reversal

Function Indication LED

Ambient Conditions

Operating Temperature -25° C to +70° C

Mechanical Specifications

Connection Type Cable PVC, 3 Core - 2 Mtrs.

Core Cross-section 22 AWG

Housing Material Brass Housing with Nickel Plated

Sensing Face ABS - Yellow Color

Degree of Protection IP67

Compliance with Standards and Directives

Standards Conformity EN 60947- 5-2

Approval CE

CATALOGUE

(PHOTOELECTRIC SENSOR)

SVA 18 DC NPN NO + NC

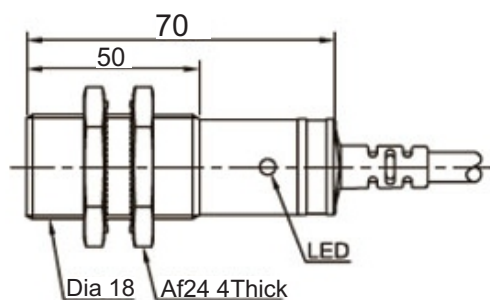
SVA 18 DC PNP NO + NC

SVA 30 DC NPN NO + NC

SVA 30 DC PNP NO + NC



Dimensions



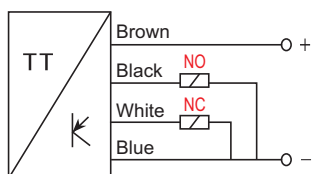
Model Number

SVA 18 DC PNP NO + NC

Features

- Standard Series
- 250mm Sensing Flush Adjustable
- PNP, NO + NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function	PNP, NO + NC
Rated Operating Distance	S_n 250mm (Adjustable) $\pm 10\%$
Light Source	Infrared LED (880nm)

Nominal Ratings

Supply Voltage	U_e 10-30 VDC
Load Current	< 200 mA
Voltage Drop	< 2.5 V
Consumption Current	< 25 mA
Hysteresis	< 10%
Repeat Accuracy	< 5%
Response Time	< 8.2 ms
Output Indicator	Red LED
Polarity Protection	Yes
Impulse Voltage Withstand	1000 V / AC 50 / 60 HZ 60s
Protection Circuit	Polarity Reversal
Short-Circuit Protection	No

Ambient Conditions

Operating Temperature	-15° C to +55° C
Ambient Moisture	35% to 95%

Mechanical Specifications

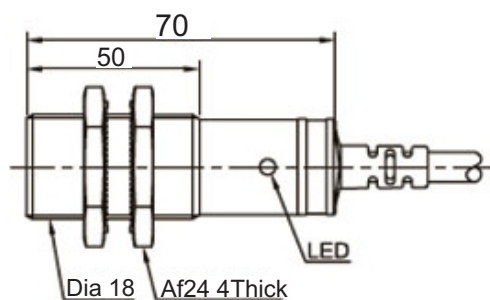
Connection Type	Cable PVC, 2 Mtrs.
Housing Material	Brass Housing with Nickel Plated
Sensing Face	ABS - Black Color
Degree of Protection	IP67

Compliance with Standards and Directives

Standards Conformity	EN 60947- 5-2
Approval	CE



Dimensions



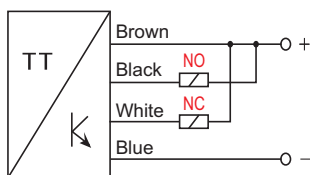
Model Number

SVA 18 DC NPN NO + NC

Features

- Standard Series
- 250mm Sensing Flush Adjustable
- NPN, NO + NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function	NPN, NO + NC
Rated Operating Distance	S_n 250mm (Adjustable) $\pm 10\%$
Light Source	Infrared LED (880nm)

Nominal Ratings

Supply Voltage	U_e 10-30 VDC
Load Current	< 200 mA
Voltage Drop	< 2.5 V
Consumption Current	< 25 mA
Hysteresis	< 10%
Repeat Accuracy	< 5%
Response Time	< 8.2 ms
Output Indicator	Red LED
Polarity Protection	Yes
Impulse Voltage Withstand	1000 V / AC 50 / 60 HZ 60s
Protection Circuit	Polarity Reversal
Short-Circuit Protection	No

Ambient Conditions

Operating Temperature	-15° C to +55° C
Ambient Moisture	35% to 95%

Mechanical Specifications

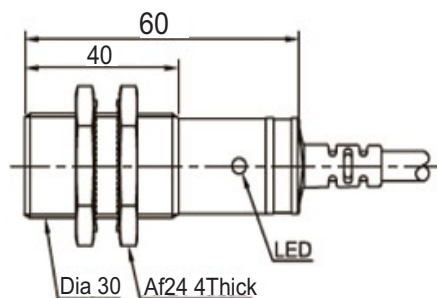
Connection Type	Cable PVC, 2 Mtrs.
Housing Material	Brass Housing with Nickel Plated
Sensing Face	ABS - Black Color
Degree of Protection	IP67

Compliance with Standards and Directives

Standards Conformity	EN 60947- 5-2
Approval	CE



Dimensions



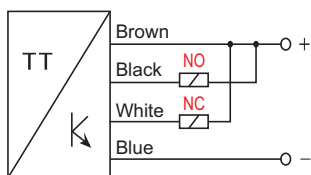
Model Number

SVA 30 DC NPN NO + NC

Features

- Standard Series
- 900mm Sensing Flush Adjustable
- NPN, NO + NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function	NPN, NO + NC
Rated Operating Distance	S_n 900mm (Adjustable) $\pm 10\%$
Light Source	Infrared LED (880nm)

Nominal Ratings

Supply Voltage	U_e 10-30 VDC
Load Current	< 200 mA
Voltage Drop	< 2.5 V
Consumption Current	< 25 mA
Hysteresis	< 10%
Repeat Accuracy	< 5%
Response Time	< 8.2 ms
Output Indicator	Red LED
Polarity Protection	Yes
Impulse Voltage Withstand	1000 V / AC 50 / 60 HZ 60s
Protection Circuit	Polarity Reversal
Short-Circuit Protection	No

Ambient Conditions

Operating Temperature	-15° C to +55° C
Ambient Moisture	35% to 95%

Mechanical Specifications

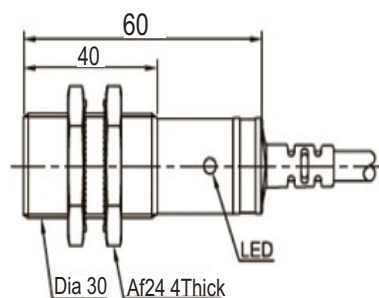
Connection Type	Cable PVC, 2 Mtrs.
Housing Material	Brass Housing with Nickel Plated
Sensing Face	ABS - Black Color
Degree of Protection	IP67

Compliance with Standards and Directives

Standards Conformity	EN 60947- 5-2
Approval	CE



Dimensions



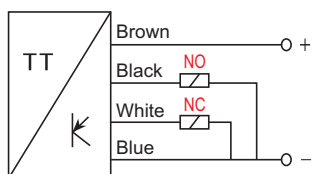
Model Number

SVA 30 DC PNP NO + NC

Features

- Standard Series
- 900mm Sensing Flush Adjustable
- PNP, NO + NC
- 3 Wire DC

Connection



Technical Data

General Specifications

Output Logic/Switching Element Function	PNP, NO + NC
Rated Operating Distance	S_n 900mm (Adjustable) $\pm 10\%$
Light Source	Infrared LED (880nm)

Nominal Ratings

Supply Voltage	U_e 10-30 VDC
Load Current	< 200 mA
Voltage Drop	< 2.5 V
Consumption Current	< 25 mA
Hysteresis	< 10%
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Response Time	< 8.2 ms
Output Indicator	Red LED
Polarity Protection	Yes
Impulse Voltage Withstand	1000 V / AC 50 / 60 HZ 60s
Protection Circuit	Polarity Reversal
Short-Circuit Protection	No

Ambient Conditions

Operating Temperature	-15° C to +55° C
Ambient Moisture	35% to 95%

Mechanical Specifications

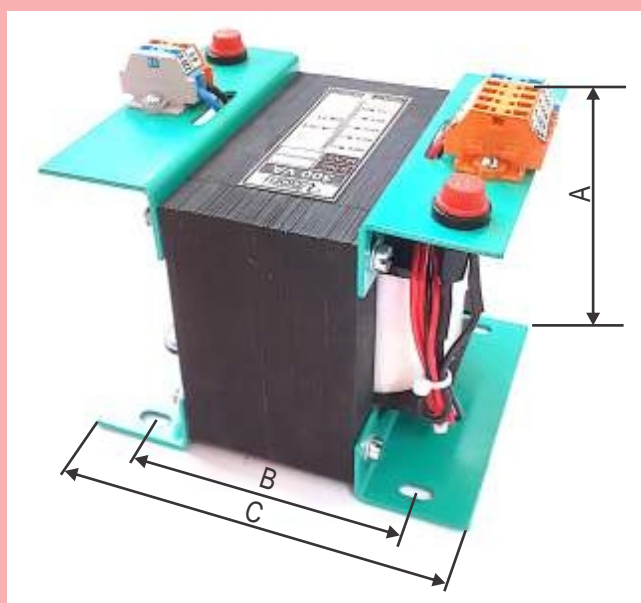
Connection Type	Cable PVC, 2 Mtrs.
Housing Material	Brass Housing with Nickel Plated
Sensing Face	ABS - Black Color
Degree of Protection	IP67

Compliance with Standards and Directives

Standards Conformity	EN 60947- 5-2
Approval	CE

CATALOGUE (TRANSFORMERS)





TRANSFORMERS DIMENSIONS

S.No	Transformer Type	A	B	C	D	E
1	50 VA	98	67	95	63	76
2	100 VA	115	70	105	78	94
3	150 VA	130	80	117	97	115
4	200 VA	130	85	122	97	115
5	250 VA	130	90	127	97	115
6	300 VA	130	100	140	97	115
7	350 VA	130	100	140	97	115
8	500 VA	190	90	130	100	127
9	750 VA	190	114	154	100	127
10	1 KVA	190	127	167	100	127

Control Transformers

We offer a range of Control Transformers (1 Phase & 2 Phase - 5 VA to 3 KVA) which is developed using optimum quality Electrical Steel Lamination, Copper Wires & Terminal Blocks. Control transformers are mainly used for voltage regulation and diversely used in an electrical & electronic circuits which requires constant voltage with minimal power losses. We are exporting our products across the world

Features

Our Control Transformers are with
Excellent performance
Compact design
Optimum voltage regulation
Maximum Life Expectancy with Reliability

Application

Textile Machineries
Machine Tool
Power Modules
Controllers
UPS
Power Converters

Single Phase Transformers

Single Phase Transformer : are used for Stepping-up & Stepping-down voltage for various purposes like Contactor coils, Solenoids, DC braking, Rectifier circuits, Inverter & more Single Phase Transformer is utilized in the electrical circuits for regulating the high or low voltage conditions consistently. These transformers are developed by making most wire terminal blocks and superior grade electrical steel lamination.

Features

Compacted & sturdy design
Excellent performance
Flawless voltage regulation
Capacitive reactance
Faster voltage correction
Floating output
Exceptional overload protection

Application

Rectifier Circuits
Inverters
Medical Equipment
Pcb Circuit Modules

Contact Details

R.Dhanabal
98422 90075

Sri Vaarii Automatiion
No.2/10 , Jayakrishna Layout
P.N.Pudur , Coimbatore 641 041

CATALOGUE

(FRYING MACHINE)



Designed for Immense Quality

SPECIFICATION

S.No	Particulars	Details
1.	SUPPLY VOLTAGE	440 V / 3 Phase
2.	FRYING CAPACITY	25 Kgs / 50 Kgs
3.	CURRENT CONSUMPTION (25 Kgs MODEL)	9 Units For 250 Kgs IN 8 Hrs.
4.	CURRENT CONSUMPTION (50 Kgs MODEL)	18 Units For 500 Kgs IN 8 Hrs.

SPECIAL FEATURES

1.	KILOWATT HOUR METER INCLUDED FOR VIEWING POWER CONSUMED
2.	BUZZER AND TIMER GIVEN FOR KNOWING FRYING COMPLETION
3.	OIL MIXING DONE UNIFORMLY
4.	STIRING OF CASTING POWDER IS MAINTAINED UNIFORMLY
4.	EASY TO OPERATE SYSTEM NO NEEDS ANY QUALIFIED PERSONS

PRICE DETAILS

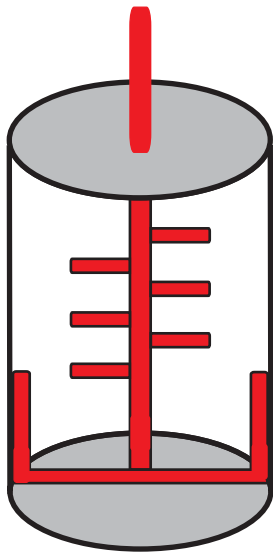
S.No	PARTICULARS
1.	FRYING MACHINE (25 Kgs) FM-01
2.	FRYING MACHINE (50 Kgs) FM-02

R DHANABAL
+91 98422 90075

SRI VAARII AUTOMATION
No. 2/10, JAYAKRISHNA LAYOUT,
BEHIND CA FOODS, PN PUDUR
COIMBATORE - 641 041

CATALOGUE

(CHEMICAL MIXING MACHINE)



INSIDE VIEW OF DRUM



Designed for Immense Quality

SPECIFICATION

S.No	Particulars	Details
1.	SUPPLY VOLTAGE	440 V / 3 Phase
2.	FRYING CAPACITY	25 Kgs / 50 Kgs
3.	CURRENT CONSUMPTION (25 Kgs MODEL)	9 Units For 250 Kgs IN 8 Hrs.
4.	CURRENT CONSUMPTION (50 Kgs MODEL)	18 Units For 500 Kgs IN 8 Hrs.

SPECIAL FEATURES

1.	KILOWATT HOUR METER INCLUDED FOR VIEWING POWER CONSUMED
2.	BUZZER AND TIMER GIVEN FOR KNOWING MIXING COMPLETION
3.	OIL MIXING DONE UNIFORMLY
4.	STIRING OF CASTING POWDER IS MAINTAINED UNIFORMLY
4.	EASY TO OPERATE SYSTEM NO NEEDS ANY QUALIFIED PERSONS

PRICE DETAILS

S.No	PARTICULARS
1.	FRYING MACHINE (25 Kgs) FM-01
2.	FRYING MACHINE (50 Kgs) FM-02

R DHANABAL
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SRI VAARII AUTOMATION
No. 2/10, JAYAKRISHNA LAYOUT,
BEHIND CA FOODS, PN PUDUR
COIMBATORE - 641 041