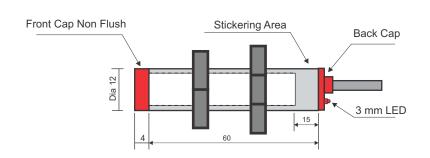


CATALOGUE (M12)

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



10-30 VDC

1000 Hz

LED

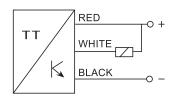
Model Number

SVA 12 DC NPN NON FLUSH

Features

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

Connection



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General	Specifications

Frequency of Operating cycle

Output Logic/Switching Element Function			NPN, NO / NC
Rated Operating Dista	ance	S _n	$4~mm\pm10\%$
Type			Non Flush

Ue

f

Nominal Ratings Supply Voltage

Hysteresis/Differential travel	н	<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	Ui	75 Vdc

Utilization Category		DC-13
Repeatability/ Repeat Accuracy	R	0.1 mm
Protection Circuit		Polarity Reversal

Function Indication 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



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Technical Data

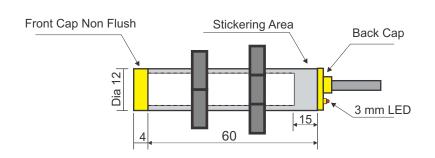
General Specifications

Repeatability/ Repeat Accuracy

Protection Circuit

Function Indication

Ambient Conditions



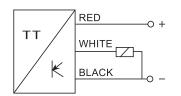
Model Number

SVA 12 DC PNP NON FLUSH

Features

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

Connection



Output Logic/Switching Element Fu	nction	PNP, NO / NC
Rated Operating Distance	S _n	4 mm ± 10%
Туре		Non Flush
Nominal Ratings		
Supply Voltage	U_{e}	10-30 VDC
Frequency of Operating cycle	f	1000 Hz
Hysteresis/Differential travel	н	<10%
Rated Operating Current	I_{e}	500 mA
No-Load Supply Current	I_{o}	< 15 mA
Voltage Drop	U_{d}	< 2.2V dc
OFF State Current	I_{r}	< 0.1mA
Rated Insulation Voltage	U_{i}	75 V dc
Utilization Category		DC-13

 $0.1 \; \text{mm}$

LED

Polarity Reversal

Cable PVC, 3 Core - 2 Mtrs.

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

Connection Type Cable PV
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

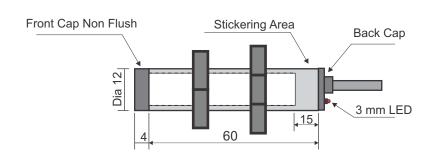
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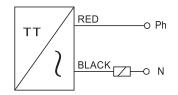
Model Number

SVA 12 AC NO NON FLUSH

Features

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

Connection



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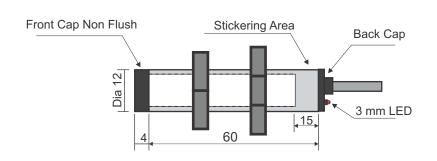
General Sp	pecifications
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Output Logic/Switching Element Function		NC	
Rated Operatin	ng Distance	S_n	$4~mm\pm10\%$
Type			Non Flush

Rated Operating Distance	\mathbf{S}_{n}	$4 \text{ mm} \pm 10\%$
Туре		Non Flush
Nominal Ratings		
Supply Voltage	U_{e}	90-230 VAC
Frequency of Operating cycle	f	25 Hz
Hysteresis/Differential travel	Н	<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	Ui	75 V dc
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
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 I	Directives	
Standards Conformity		EN 60947- 5-2
Approval		CE

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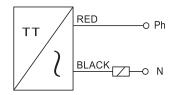
Model Number

SVA 12 AC NO NON FLUSH

Features

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

Connection



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General	S	pecifications	

Output Logic/Switching Element Function		NO	
Rated Operating Distance	S_n	$4 \text{ mm} \pm 10\%$	
Туре		Non Flush	
Nominal Ratings			
Supply Voltage	U_{e}	90-230 VAC	
Frequency of Operating cycle	f	25 Hz	
Hysteresis/Differential travel	Н	<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	
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		

EN 60947- 5-2

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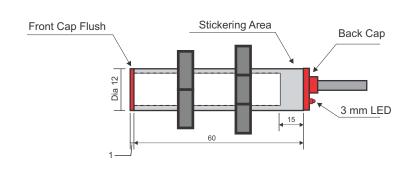
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Standards Conformity

Approval





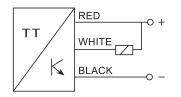
Model Number

SVA 12 DC NPN FLUSH

Features

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

Connection



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General	Specifi	cations
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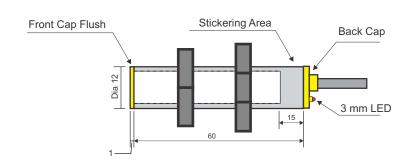
Output Logic/Switching Element Function		NPN, NO / NC
Rated Operating Distance	S_n	$2~mm\pm10\%$
Туре		Flush
Nominal Ratings		

Rated Operating Distance	S _n	$2 \text{ mm} \pm 10\%$
Туре		Flush
Nominal Ratings		
Supply Voltage	U_{e}	10-30 VDC
Frequency of Operating cycle	f	1000 Hz
Hysteresis/Differential travel	Н	<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	Ir	< 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

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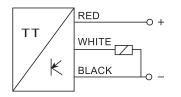
Model Number

SVA 12 DC PNP FLUSH

Features

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

Connection



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General Specifications

Output Logic/Switching Eleme	ent Function	PNP, NO / NC
Rated Operating Distance	S _n	$2~mm\pm10\%$
Terms		Eluch

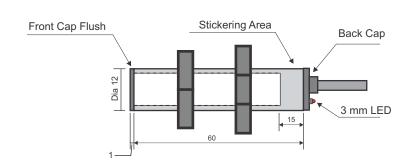
S n	Z IIIII ± 10/0	
	Flush	
U_{e}	10-30 VDC	
f	1000 Hz	
Н	<10%	
I_{e}	500 mA	
I_{o}	< 15 mA	
U_{d}	< 2.2V dc	
Ir	< 0.1mA	
Ui	75 Vdc	
	DC-13	
R	0.1 mm	
	Polarity Reversal	
	LED	
	-25° C to +70° C	
	Cable PVC, 3 Core - 2 Mtrs.	
	22 AWG	
	Brass Housing with Nickel Plated	
	ABS - Yellow Color	
	IP67	
Directives		
	EN 60947- 5-2	
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CE



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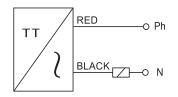
Model Number

SVA 12 AC NO FLUSH

Features

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

Connection



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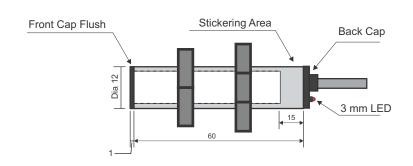
	fications

Output Logic/Switching Element Function		NC
Rated Operating Distance	S _n	$2~mm\pm10\%$
Туре		Flush
Nominal Ratings		

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	Н	<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
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

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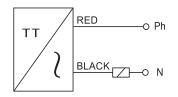
Model Number

SVA 12 AC NO FLUSH

Features

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

Connection



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General	Specifications	
General	Specifications	

Output Logic/Switching Elemen	nt Function	NC
Rated Operating Distance	S _n	$2~mm\pm10\%$
Trunc		Elwah

Rated Operating Distance	S_n	$2 \text{ mm} \pm 10\%$
Туре		Flush
Nominal Ratings		
Supply Voltage	U_{e}	90-230 VAC
Frequency of Operating cycle	f	25 Hz
Hysteresis/Differential travel	н	<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	Ir	< 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
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
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