



## Sensor de segurança magnético 122

O sensor de segurança magnético modelo 122 é compacto, robusto e seguro, tornando-o ideal para uma infinidade de aplicações industriais.

### Especificação Técnica

- Tipo de conectores disponíveis: cabo e conector M8
- Carcaça em plástico injetado formato cilíndrico M12 x 46 mm

### Desenho técnico

IMAGE 1/3

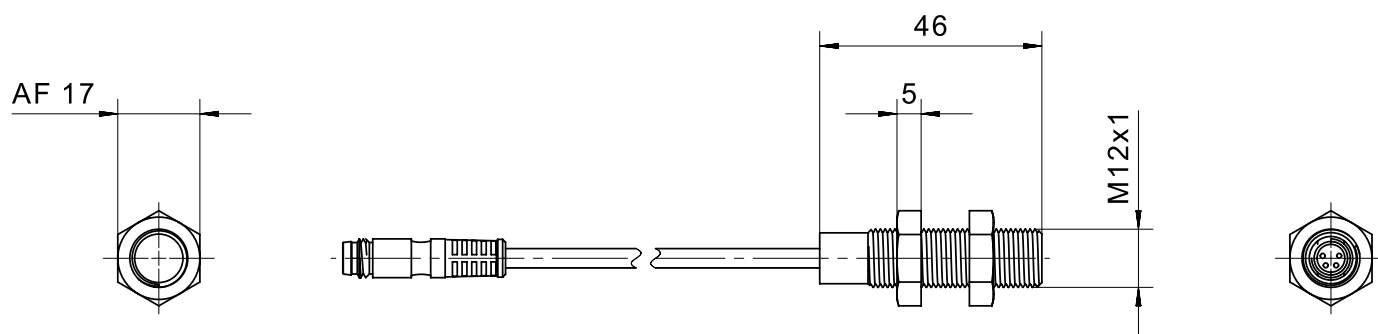
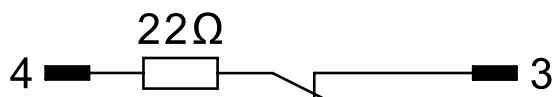
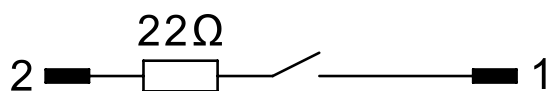


IMAGE 2/3

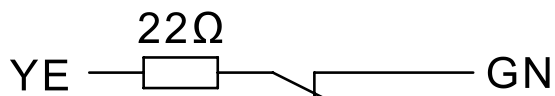
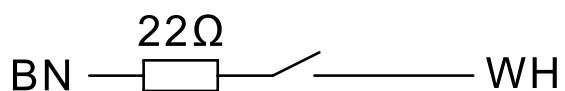


IMAGE 3/3

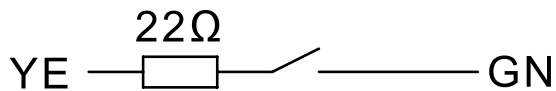
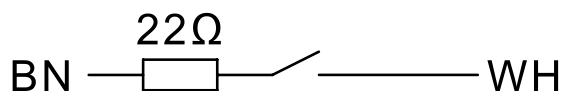
12227102



122271

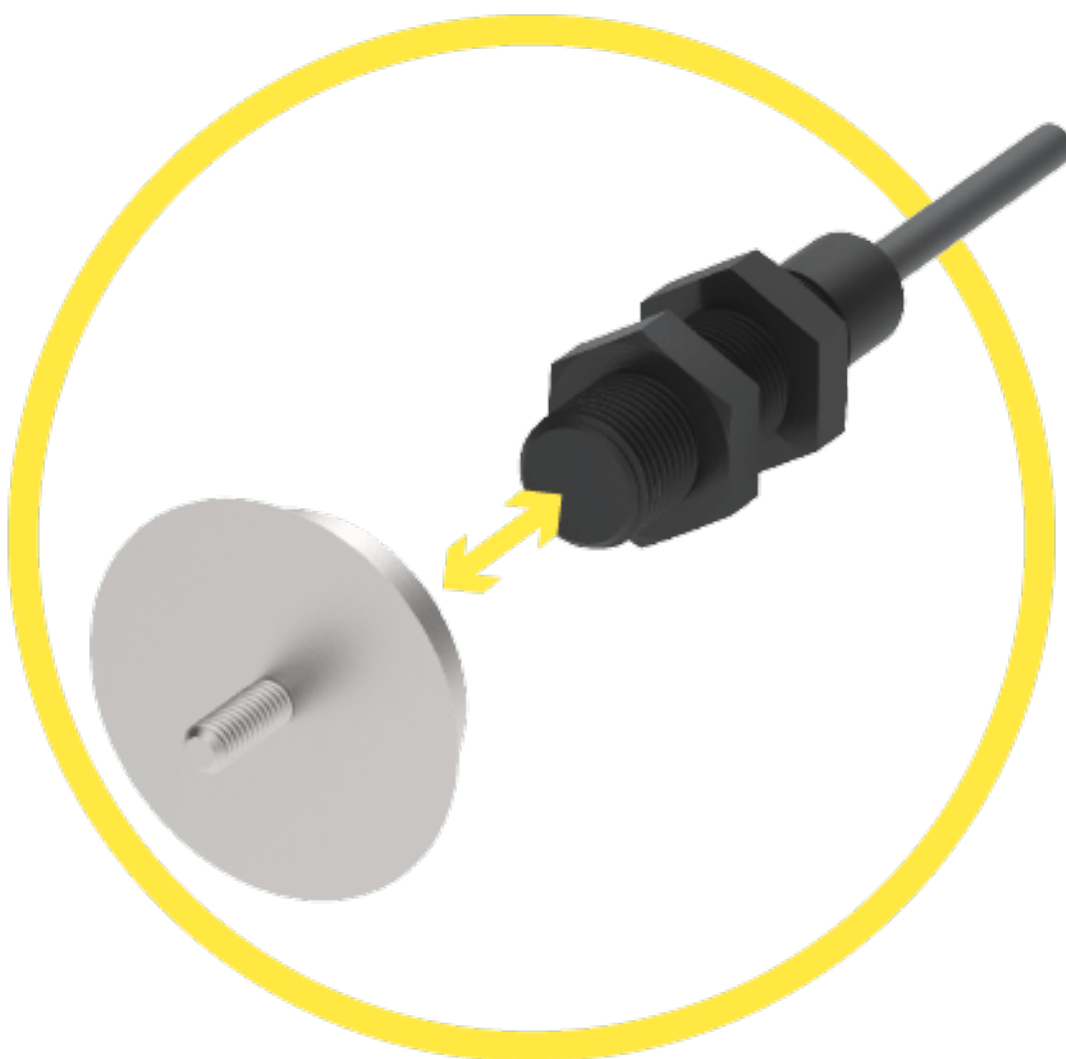


122V62



## Product options

IMAGE 1/3



**Suitable for front actuation. Offset depending on magnet system: max. 8 mm to 10 mm. Operating distance (Sao) 7 to 15 mm. Assured switch-off distance (Sar) 20 to 37 mm.**

IMAGE 2/3

## ORDERING KEY

	122V62	122271	12227102
<b>Plastic housing M12</b>	X	X	X
<b>M12x1 connector, 4-pin, plastic</b>	-	-	-
<b>M8x1 pigtail and connector, 4-pin</b>	-	-	X
<b>Connection cable 1m*</b>	X	X	-
<b>N.O./N.O. contacts</b>	X	-	-
<b>N.O./N.C. contacts</b>	-	X	X
<b>Coded</b>	-	-	-
<b>Uncoded</b>	X	X	X

\* Other cable lengths, cable materials and connector types on request

IMAGE 3/3

## MATCHING ACTUATORS

Actuators	Actuation direction	122V62			122271			12227102				
		S <sub>0 min</sub>	S <sub>ao</sub>	S <sub>ar</sub>	S <sub>0 min</sub>	S <sub>ao</sub>	S <sub>ar</sub>	S <sub>0 min</sub>	S <sub>ao</sub>	S <sub>ar</sub>		
<b>324 795</b>	Front	0.5	7	20	-	-	-	-	-	-		
<b>300 785</b>		-	-	-	0.5	15	37	0.5	15	37		

## Características do artigo

Attribute	122V62	12227102	122270	122271	ED122V62	ED122270 ▶
Min. switching voltage	19.2 V DC				-	
Max. switching voltage	28.8 V DC				-	
Max. switching current	0.1 A				-	
Max. switching power	3 W		-	3 W	-	
Switching frequency	5 Hz		-	5 Hz	-	
Assured switching distance (Sao)	7 mm	15 mm	20 mm	15 mm	-	
Assured switch-off distance (Sar)	20 mm	37 mm	40 mm	37 mm	-	
Minimum switching distance (S0 min)	0.5 mm				-	
LED display	No				-	
Actuation	front				-	
Switching principle	magnetic				-	
Series resistor	22 Ohm				-	
Technology	Reed				-	
Contact form	NO/NO	NO/NC			-	
Pollution degree	3		-	3	-	
Protection class	III		-	III	-	
Coding acc. to EN ISO 14119	Low				-	
B10d acc. to EN ISO 13849-1	20000000				-	
Type acc. to EN ISO 14119	3		4	3	-	
Mission time in years	20 a				-	
Structure acc. to EN ISO 13849-1	Two-channel				-	
Housing design	cylindrical				-	
Dimensions	M12 x 46 mm				-	
cannot be mounted flush	yes				-	
Detent present	no				-	
Housing material	PBT				-	
Cable material	PVC				-	
Nut material	PBT		-	PBT	-	
Housing colour	schwarz				-	

Attribute	122V62	12227102	122270	122271	ED122V62	ED122270 ▶
Protection class	IP67 / IP69K DIN EN 60529	IP67 DIN EN 60529			-	
Protection class, connector	-	IP67 DIN EN 60529 (screwed) - IP65 DIN EN 60529 (plugged)	-			
Operating temperature min.	-25 °C				-	
Max. operating temperature	75 °C				-	
Min. cable temperature range, moving	-5 °C	-25 °C	-	-5 °C	-	
Max. cable temperature range, moving	70 °C	90 °C	-	70 °C	-	
Min. cable temperature range, fixed installation	-25 °C		-	-25 °C	-	
Max. cable temperature range, fixed installation	70 °C	90 °C	-	70 °C	-	
Shock resistance (Norm)	30g / 11ms		-	30g / 11ms	-	
Vibration resistance (Norm)	10 - 55Hz		-	10 - 55Hz	-	
Min. storage temperature	-25 °C				-	
Max. storage temperature	75 °C				-	
Mounting type	Fastening nut				-	
Thread	M12				-	
Connector type	-	M8x1 - 4 polig	-			
Cable length	1 m	0.1 m	1 m		-	
Number of strands	4				-	
Wire cross section	0.25 mm²				-	
Cable type	-		LIYY 4 x 0,25 mm	-		
CE label	yes				-	
Possible actuators	324795	300785	-	300785	-	

Attribute	ED122271	ED12227102
Min. switching voltage	-	-
Max. switching voltage	-	-
Max. switching current	-	-
Max. switching power	-	-
Switching frequency	-	-
Assured switching distance (Sao)	-	-
Assured switch-off distance (Sar)	-	-
Minimum switching distance (S0 min)	-	-
LED display	-	-
Actuation	-	-
Switching principle	-	-
Series resistor	-	-
Technology	-	-
Contact form	-	-
Pollution degree	-	-
Protection class	-	-
Coding acc. to EN ISO 14119	-	-
B10d acc. to EN ISO 13849-1	-	-
Type acc. to EN ISO 14119	-	-
Mission time in years	-	-
Structure acc. to EN ISO 13849-1	-	-
Housing design	-	-
Dimensions	-	-
cannot be mounted flush	-	-
Detent present	-	-
Housing material	-	-
Cable material	-	-
Nut material	-	-
Housing colour	-	-
Protection class	-	-
Protection class, connector	-	-
Operating temperature min.	-	-

Attribute	ED122271	ED12227102
Max. operating temperature	-	-
Min. cable temperature range, moving	-	-
Max. cable temperature range, moving	-	-
Min. cable temperature range, fixed installation	-	-
Max. cable temperature range, fixed installation	-	-
Shock resistance (Norm)	-	-
Vibration resistance (Norm)	-	-
Min. storage temperature	-	-
Max. storage temperature	-	-
Mounting type	-	-
Thread	-	-
Connector type	-	-
Cable length	-	-
Number of strands	-	-
Wire cross section	-	-
Cable type	-	-
CE label	-	-
Possible actuators	-	-