



Magnetic sensor 120

Product characteristics

- Magnetic sensor on reed-contact basis
- External thread with fastening nuts
- PA housing
- M18 x 55 mm
- PVC cable

Technical drawing

IMAGE 1/2

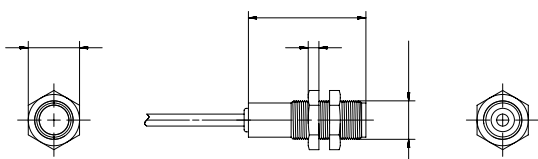
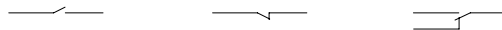


IMAGE 2/2



Electrical data

Attribute	120230	120310	120320
Max. switching voltage	48 V DC	250 V DC	
Max. switching voltage	48 V AC	250 V AC	
Max. switching current	0.3 A	1 A	
Max. switching power	3 W	20 W	
Technology	Reed		
Contact form	CO	NO	NC
LED display	No		
Actuation	arbitrary		
Switching principle	magnetic		

Mechanical data

Attribute	120230	120310	120320
Dimensions	M18x1 L=55		
Housing design	cylindrical		

Material information

Attribute	120230	120310	120320
Housing material	PA6		
Nut material	PBT		PA6
Cable material	PVC		

Environmental conditions

Attribute	120230	120310	120320
Protection class	IP67 DIN EN 60529		
Operating temperature min.	-25 °C		
Max. operating temperature	75 °C		
Min. storage temperature	-25 °C		
Max. storage temperature	75 °C		
Min. cable temperature range, moving	-5 °C		
Max. cable temperature range, moving	70 °C		
Min. cable temperature range, fixed installation	-25 °C		
Max. cable temperature range, fixed installation	70 °C		

Installation

Attribute	120230	120310	120320
Mounting type	Thread		

Connection

Attribute	120230	120310	120320
Cable length	1 m		