

Product No: 101149416

SCHMERSAL MAGNETIC SAFETY SENSOR 101149416

Note: Instead of nuts, a mounting clamp can be provided.

General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
Coding Level According to EN ISO 14119	High
EAN	4030660000000
eCl@ss Number, Version 11.0	27-37-12-13
eCl@ss Number, Version 9.0	27-37-12-11
ETIM 6.0	EC000223
ETIM 7.0	EC000221
Housing Construction Form	Norm construction design
Product Type	Safety Sensor
Working Principle	Optoelectronic

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	0.3
Maximum Cable Cross Section (mm ²)	2 x 2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	1
Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	5000000 Operations
Minimum Positive Break Force (N)	20
No. of Safety Contacts	4
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	250

Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	15 / 11
Switching Element	2 NO contact
Switching Principle	Slow action
Terminal Type	Connector
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.05 A

Physical Attributes

Actuator Type	Plunger
Enclosure Material	Aluminium
Gross Weight (g)	35
Maximum Ambient Temperature (°C)	80
Minimum Ambient Temperature (°C)	-25
Net Weight (g)	1900
Storage Temperature (°C)	-25 to 85
Wire Cross-Section	11 AWG

Dimensions

Sensor Height (mm)	36
Sensor Length (mm)	80

Protection & Standards

Degree of Protection	IP65
Standards	EN IEC 60947-5-3 / BG-GS-ET-14

Resources

Product catalogue (Flipbook)	Download from here
------------------------------	------------------------------------