

Product No: 101084532

SCHMERSAL INDUCTIVE PROXIMITY SWITCH 101084532

Note: In case of failure (interruption of the 0 V supply) the maximum leakage current is 1 mA.

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	27-27-26-92
eCl@ss Number, Version 9.0	27-27-26-92
ETIM 6.0	EC002714
ETIM 7.0	EC002714
Housing Construction Form	Rectangular
Product Type	Proximity Switch
Protection Class of Operating Resource	2
Recommended Actuator	MZM 100-B1.1
Recommended Safety Switchgear	SRB-E-301ST SRB-E-201LC
Working Principle	Mechanical

Technical Attributes

No. of Auxiliary Contacts	1
Assured "OFF" Switching Distance (mm)	30
Assured "ON" Switching Distance (mm)	5
Contact Material	Silver
Design of Control Element	Short-circuit proof, p-type
Integral System Diagnostics Status	Yes
Latching Force (N)	30
Maximum Actuating Speed (m/s)	1
Maximum Bounce Duration (ms)	2

Maximum Electrical Power Consumption (W)	10
Maximum Fuse Rating	6 A gG D-fuse
Maximum Holding Force (N)	1500
Maximum Switching Capacity (W)	0.24
Minimum Actuating Force (N)	6
Minimum Actuating Speed (mm/min)	10
Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	20000000 Operations
Minimum Positive Break Force (N)	50
No. of Actuating Directions	3
No. of Normally-open Contacts	2
No. of Safety Contacts	2
Overvoltage Category	3
Positive Break Travel (mm)	10
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	400
Rated Operating Current (mA)	50
Rated Short-circuit Current (A)	400
Resistance to Shock (g/ms)	30 / 11
Switching Element	1 NO contact, 2 NC contacts
Switching Principle	Snap action
Terminal Type	Connector MI2, 6-pole
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	2.5 A

Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Aluminium
Gross Weight (g)	1535
Installation Conditions	Not flush
Material of The Cable Mantle	PUR

Maximum Ambient Temperature (°C)	70
Minimum Ambient Temperature (°C)	-20
Mounting Type	Rear-side mounting holes
Net Weight (g)	433
Roller Material	Plastic
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	23 AWG

Dimensions

Cable Length (m)	10
Depth (mm)	121
Height (mm)	14
Sensor Height (mm)	100
Sensor Length (mm)	13
Width (mm)	100

Protection & Standards

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

Resources

Product catalogue (Flipbook)	Download from here
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