

Product No: 101127038

SCHMERSAL IFL15-30M-10P INDUCTIVE PROXIMITY SWITCH 101127038

FEATURES

- Inductive proximity switch with a long design
- DC 3-wire connection
- Cylinder shape with thread for mounting
- Sensing distance of 15 mm
- Connector type: Screw connection
- ISO thread size M30
- Switching elements include both NO (Normally Open) and NC (Normally Closed) contacts
- Enclosure material: Metal
- Operating voltage range: 10 to 60 VDC

Note: Special closure on request

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	27-27-26-03
eCl@ss Number, Version 9.0	27-27-01-01
ETIM 6.0	EC002714
ETIM 7.0	EC001260
Housing Construction Form	Norm construction design
Product Type	Proximity Switch
Protection Class of Operating Resource	2
Series	IFL
Working Principle	Mechanical
Technical Attributes	
No. of Auxiliary Contacts	1
Contact Material	Silver

Maximum Cable Cross Section (mm ²)	1.5
Maximum Fuse Rating	6 A gG D-fuse
Maximum Nominal Output Voltage DC (V)	1.2
Minimum Actuating Speed (mm/min)	4122
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	40
No. of Safety Contacts	2
Nominal Output Current (A)	0.2
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	250
Rated Maximum Operational Voltage DC (V)	30
Rated Minimum Operational Voltage DC (V)	10
Rated Operational Current (A)	0.2
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	1 NO contact, 1 NC contacts
Switching Principle	Slow action
Terminal Type	Connector
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.05 A

Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	50
Installation Conditions	Not flush
Maximum Ambient Temperature (°C)	70
Maximum Temperature (°C)	70
Minimum Ambient Temperature (°C)	-25

Minimum Temperature (°C)	-25
Mounting Type	Threaded
Net Weight (g)	25
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	0.25 mm

Dimensions

Height (mm)	100
Sensor Height (mm)	89.5
Sensor Length (mm)	50
Width (mm)	22.5

Protection & Standards

Degree of Protection	IP67
Pollution Degree	3
Standards	EN IEC 61496-1 / EN IEC 61496-2

Resources

Product catalogue (Flipbook)	Download from here
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