

Product No: 101127041

SCHMERSAL IFL15-30L-10TP INDUCTIVE PROXIMITY SWITCH 101127041

FEATURES

- Inductive proximity switch with a long design
- DC 3-wire connection
- Cylinder shape with ISO thread M30
- Sensing distance of 15 mm
- Equipped with a connector cable
- Normally open (NO) contact switching element
- Metal enclosure material
- Operating voltage range: 10 to 30 VDC
- Rated output current: 200 mA



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

General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
EAN	4030660000000
eCl@ss Number, Version 11.0	27-37-12-11
eCl@ss Number, Version 9.0	27-27-26-06
ETIM 6.0	EC000030
ETIM 7.0	EC001260
Housing Construction Form	Norm construction design
Product Type	Proximity Switch
Protection Class of Operating Resource	3
Series	IFL
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	2
Contact Material	Silver
Maximum Actuating Speed (m/s)	0.5
Maximum Cable Cross Section (mm ²)	1.5

Maximum Fuse Rating	2 A gG D-fuse
Maximum Nominal Output Voltage DC (V)	1.2
Minimum Actuating Speed (mm/min)	10
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	100000000 Operations
Minimum Positive Break Force (N)	19
No. of Safety Contacts	2
Nominal Output Current (A)	0.2
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4
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, 2 NC contacts
Switching Principle	Slow action
Terminal Type	Connector
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	2.5 A

Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Plastic, glass-fibre-reinforced
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)	26
Sensor Height (mm)	67
Sensor Length (mm)	126
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
------------------------------	------------------------------------