

## Product No: 101127027

### SCHMERSAL IFL15-30L-1ITP-1766 INDUCTIVE PROXIMITY SWITCH 101127027

#### FEATURES

- Inductive proximity switch with a long design
- DC 3-wire connection system
- Sensing distance of 10 mm
- Connector type: Screw connection
- M30 ISO thread for easy mounting
- Switching elements include both NO (Normally Open) and NC (Normally Closed) contacts
- Durable metal enclosure material
- Operating voltage range: 10 to 60 VDC
- Rated output current: 400 mA



*Note: The membrane protects the button against grinding dust or other pasty, viscous substances.*

#### 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	27-27-06-01
eCl@ss Number, Version 9.0	27-27-26-06
ETIM 6.0	EC001487
ETIM 7.0	EC002593
Housing Construction Form	Norm construction design
Product Type	Proximity Switch
Protection Class of Operating Resource	3
Series	IFL
Working Principle	Magnetic drive

#### Technical Attributes

No. of Auxiliary Contacts	1
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Maximum Actuating Speed (m/s)	0.5
Maximum Cable Cross Section (mm <sup>2</sup> )	1.5
Maximum Fuse Rating	6 A gG D-fuse
Maximum Nominal Output Voltage DC (V)	1
Minimum Actuating Speed (mm/min)	4122
Minimum Cable Cross Section (mm <sup>2</sup> )	0.34
Minimum Mechanical Life	10000000 Operations
Minimum Positive Break Force (N)	19
No. of Safety Contacts	1
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)	60
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	0.25 A

### Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	25
Installation Conditions	Not flush
Maximum Ambient Temperature (°C)	70
Maximum Temperature (°C)	110

Minimum Ambient Temperature (°C)	-30
Minimum Temperature (°C)	0
Mounting Type	Threaded
Net Weight (g)	52
Storage Temperature (°C)	-25 to 80
Wire Cross-Section	0.25 mm

### Dimensions

Height (mm)	28
Sensor Height (mm)	112
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)	<a href="#">Download from here</a>
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