

Product No: 101173958

SCHMERSAL IFL30-384-11P-M20 INDUCTIVE PROXIMITY SWITCH 101173958

FEATURES

- Inductive proximity switch with a 20 mm switching distance
- DC 4-wire connection system
- Block design with screw connection
- Features both NO (Normally Open) and NC (Normally Closed) contacts
- Enclosure made of durable plastic material
- Operating voltage range from 10 to 60VDC
- Maximum output current of 400 mA
- Switching frequency of up to 100 Hz
- Digital Output specifications: 1.5 V, 0.4 A, p-type

Note: Actuation from the right should be avoided, since this reduces the mechanical life of the position switch.

General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
EAN	4030660000000
eCl@ss Number, Version 11.0	27-24-25-01
eCl@ss Number, Version 9.0	27-37-12-05
ETIM 6.0	EC002925
ETIM 7.0	EC000225
Housing Construction Form	Block
Product Type	Proximity Switch
Series	IFL
Working Principle	Inductive

Technical Attributes

Contact Material	Silver
Maximum Actuating Speed (m/s)	2
Maximum Cable Cross Section (mm ²)	2.5

Maximum Fuse Rating	4 A gG D-fuse to DIN EN 60269-1
Maximum Nominal Output Voltage DC (V)	1.5
Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	50000 Operations
No. of Safety Contacts	2
Nominal Output Current (A)	0.4
Rated Impulse Withstand Voltage (kV)	2.5
Rated Insulation Voltage (V)	500
Rated Maximum Operational Voltage DC (V)	60
Rated Minimum Operational Voltage DC (V)	10
Rated Short-circuit Current (A)	1000
Switching Element	NO contact, NC contact
Switching Principle	Slow action
Terminal Type	Cable
Utilisation Category	DC-13 AC-15

Physical Attributes

Actuator Type	Roller plunger R201
Enclosure Material	Aluminium
Gross Weight (g)	56.61
Maximum Ambient Temperature (°C)	80
Maximum Temperature (°C)	70
Minimum Ambient Temperature (°C)	-15
Minimum Temperature (°C)	-25
Mounting Type	Threaded
Net Weight (g)	2697

Dimensions

Sensor Height (mm)	36
Sensor Length (mm)	31.5

Protection & Standards

Degree of Protection

IP67

Standards

EN IEC 60947-5-1

Resources

Product catalogue (Flipbook)

[Download from here](#)