

Product No: 101173580

SCHMERSAL IFL30-384-10/01-M20 INDUCTIVE PROXIMITY SWITCH 101173580

FEATURES

- Type: Inductive proximity switch
- Model: IFL20-333-10/01-M20
- Switch distance: 20 mm
- Connection type: Screw connection
- Switching elements: NO (Normally Open) contact, NC (Normally Closed) contact
- Enclosure material: Plastic
- Operating voltage range: 15 to 250VAC
- Nominal current output: 500 mA



Note: Actuation from the side of the plunger 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	23-17-06-01
eCl@ss Number, Version 9.0	27-37-12-16
ETIM 6.0	EC002594
ETIM 7.0	EC001832
Housing Construction Form	Block
Product Type	Proximity Switch
Series	IFL
Working Principle	RFID

Technical Attributes	
Contact Material	Silver
Maximum Actuating Speed (m/s)	2
Maximum Cable Cross Section (mm ²)	1 x 1.5
Maximum Fuse Rating	4 A gG D-fuse to DIN EN 60269-1

Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	30000000 Operations
No. of Safety Contacts	2
Nominal Output Current (A)	0.5
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	500
Rated Maximum Operational Voltage AC (V)	250
Rated Minimum Operational Voltage AC (V)	15
Rated Short-circuit Current (A)	1000
Switching Element	Normally open contact (NO)
Switching Principle	Snap action
Terminal Type	Cable
Utilisation Category	AC-15

Physical Attributes

Actuator Type	Plunger S200
Enclosure Material	Aluminium
Gross Weight (g)	250
Maximum Ambient Temperature (°C)	80
Maximum Temperature (°C)	70
Minimum Ambient Temperature (°C)	-30
Minimum Temperature (°C)	-25
Mounting Type	Threaded
Net Weight (g)	27

Dimensions

Sensor Height (mm)	90
Sensor Length (mm)	158

Protection & Standards

Degree of Protection	IP67
Standards	EN IEC 60947-5-1

Resources

Product catalogue (Flipbook)

[Download from here](#)
