

Features:

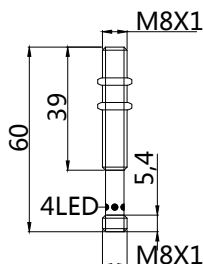
- M8*1 mm , Brass,nickel-plated housing;
- 1mm , flush mountable;
- DC 3-wire , switching output;
- Connector versions



RoHS

CE

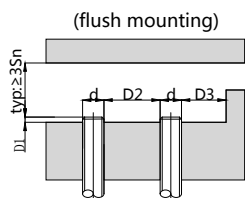
Dimensioned drawing



Model No.

Sensing range	Sn: 1 mm
NPN N. O	SCF-M8-01N-C11-M8
NPN N. C	SCF-M8-01N-C21-M8
PNP N. O	SCF-M8-01P-C11-M8
PNP N. C	SCF-M8-01P-C21-M8

Mounting



Sn	D1	D2	D3
M801	≥0	≥8	≥8

⚠ Tightening torque of the fastening screws: <10Nm!

Correction Factor	
Nav-ferrous metal	Factor
Water	1
Alcohol	0.7
Ceramic	0.6
Glass	0.5
Oil	0.3

Technical data

Electrical data	Operating voltage	10-30V DC
	Switching frequency	100Hz
	Voltage drop	≤2.0V
	Leakge current	<0.01mA
	Load current	100mA
	No load current	≤10mA(24V)
	Hysteresis	<15%(Sr)
	Repeatability	<5.0%(Sr)
	Temperature drift	<10%(Sr)
	Short circuit protection	Yes
	Overload protection	Yes
	Polarity reversal protection	Yes
Environment	Ambient temperature	-25...70°C
	Ingress protection	IP67
Mechanical data	Housing material	Brass,nickel-plated
	Face material	POM
Electrical connection	Connectors	M8 connector

Wiring

