SENSOR DISCOUNT
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M8 Series DC 3-Wire Sn 1mm

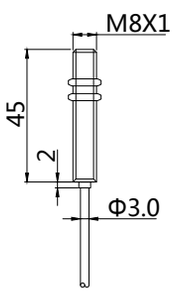
Capacitive sensors

Features:

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

RoHS CE

Dimensioned drawing

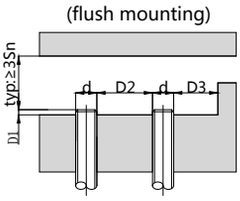


Model No.

Sensing range	Sn:1 mm
NPN N.O	SCF-M8-01N-C11-PV2
NPN N.C	SCF-M8-01N-C21-PV2
PNP N.O	SCF-M8-01P-C11-PV2
PNP N.C	SCF-M8-01P-C21-PV2

Mounting

(flush mounting)

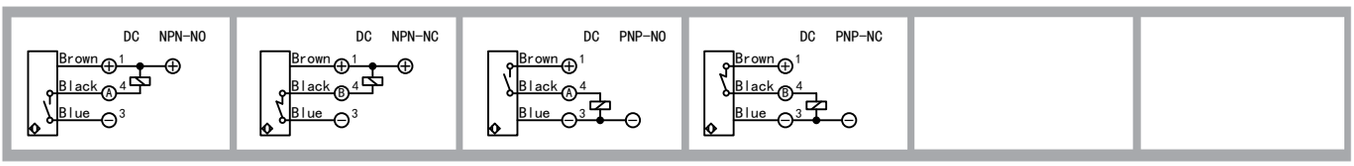


Sn	D1	D2	D3
M801	≥0	≥8	≥8

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℃
	Ingress protection	IP67
Mechanical data	Housing material	Brass,nickel-plated
	Face material	POM
Electrical connection	Connectors	PVC cable/2m ; 3*0.18mm²

Wiring