



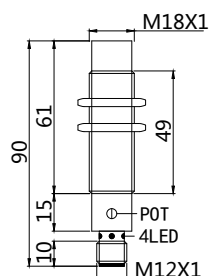
Features:

- M18*1 mm , Plastic/Brass,nickel-plated housing;
- 15mm , non-flush mountable;
- DC 3-wire , switching output;
- Connector versions

RoHS

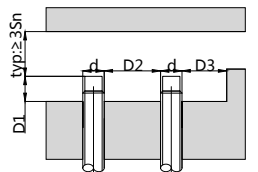
CE

Dimensioned drawing



Mounting

(non-flush mounting)



Sn	D1	D2	D3
M1815	≥25	≥36	≥18

⚠ Tightening torque of the fastening screws:
<20Nm!

⚠ Tightening torque of the fastening screws:
<1.5Nm!(PBT)

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

Model No.

Housing material	Brass, nickel-plated	PBT
NPN N. O	SCN-M18-15N-C11-M12	SCN-M18-15N-P11-M12
NPN N. C	SCN-M18-15N-C21-M12	SCN-M18-15N-P21-M12
PNP N. O	SCN-M18-15P-C11-M12	SCN-M18-15P-P11-M12
PNP N. C	SCN-M18-15P-C21-M12	SCN-M18-15P-P21-M12

Technical data

Electrical data	Operating voltage	10-30V DC
	Switching frequency	100Hz
	Voltage drop	≤2.0V
	Leakge current	<0.01mA
	Load current	200mA
	No load current	≤10mA(24V)
	Hysteresis	<15%(Sr)
	Repeatability	<5.0%(Sr)
	Temperature drift	<10%(Sr)
	Short circuit protection	Yes
Environment	Overload protection	Yes
	Polarity reversal protection	Yes
	Ambient temperature	-25...70°C
Mechanical data	Ingress protection	IP67
	Housing material	Brass,nickel-plated/PBT
Electrical connection	Face material	PBT
	Connectors	M12 connector

Wiring

