High-temp. M30 Series DC 3-Wire Sn 15mm

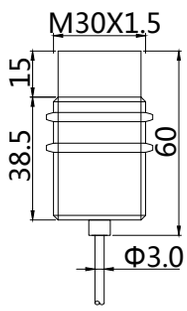
Inductive sensors

Features:

- M30*1.5 mm , Metal housing;
- 15mm , non-flush mountable;
- DC 3-wire , switching output;
- Withstand High-temperatures(-25...120℃);
- Cable

RoHS CE

Dimensioned drawing

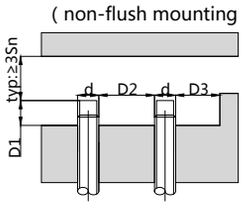


Model No.

Sensing range	Sn:15 mm
NPN	SIHN-M30-15P-V11-PTFE2-120
PNP	SIHN-M30-15N-V11-PTFE2-120

Mounting

(non-flush mounting)



Sn	D1	D2	D3
M3015	≥22	≥60	≥30

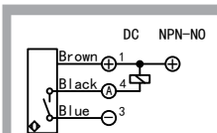
⚠ Tightening torque of the fastening screws: <40Nm!

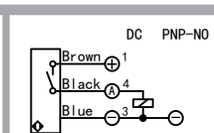
Correction Factor	
Nav-ferrous metal	Factor
Fe360	1
Aluminum	0.35~0.45
Brass	0.35~0.5
Copper	0.25~0.45
Stainless steel	0.6~1.0
Cast Iron	0.93~1.05
Nickel	0.65~0.75

Technical data

Electrical data	Operating voltage	10-30V DC
	Switching frequency	200Hz/120℃
	Voltage drop	≤1.8V
	Leakge current	<0.01mA
	Load current	150mA/24V DC
	No load current	≤10mA
	Hysteresis	3-15%(Sr)
	Repeatability	<3.0%(Sr)
	Temperature drift	<10%(Sr)
	Short circuit protection	Yes
	Overload protection	Yes
	Polarity reversal protection	Yes
Environment	Ambient temperature	-25...120℃
	Ingress protection	IP66
Mechanical data	Housing material	Stainless steel
	Face material	PTFE
Electrical connection	Connectors	PTFE cable/2m ; 3*0.18mm²

Wiring





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