

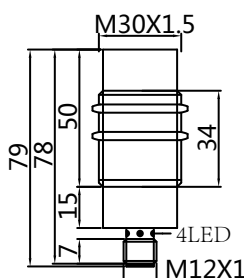
Features:

- M30*1.5mm , Full stainless steel housing;
- 15mm , non-flush mountable;
- DC 3-wire , switching output;
- Connector versions

RoHS

CE

Dimensioned drawing

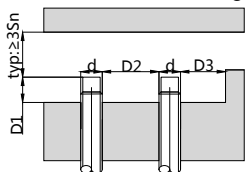


Model No.

Sensing range	Sn:15 mm
NPN N. O	SIMN-M30-15N-V11-M12
NPN N. C	SIMN-M30-15N-V21-M12
PNP N. O	SIMN-M30-15P-V11-M12
PNP N. C	SIMN-M30-15P-V21-M12

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	2Hz
	Voltage drop	≤2.0V
	Leakge current	<0.01mA
	Load current	200mA
	No load current	≤10mA(24V)
	Hysteresis	<15%(Sr)
	Repeatability	<1.0%(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	Stainless steel
Electrical connection	Face material	Stainless steel
	Connectors	M12 connector

Wiring

