

Hall sensor FN12 series



Feature description

- The detection distance is determined by the magnetic strength of the target
- Long life and high reliability
- Yellow LED display can check the status of the sensor
- Economical and simple operation
- Protection class IP67 (IEC)

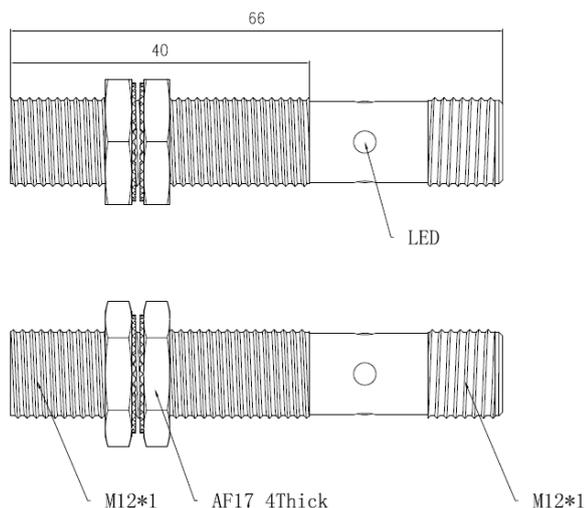
Model specification

NPN NO	FN12DNO-E2	PNP NO	FN12DPO-E2
NPN NC	FN12DNC-E2	PNP NC	FN12DPC-E2

Specifications

Detection distance	12mm	Consumption current	≤15mA
Installation type	Flush	Ambient temperature	-25...70°C
Supply voltage	10...30 VDC	Environment humidity	35...95RH%
Switch point offset	≤±10%	Switching frequency	200Hz
Hysteresis range	3...20%	Withstand voltage	1000V/AC 50/60Hz 60s
Repetitive error	≤3%	Insulation resistance	≥50MΩ (500VDC)
Load current	≤200mA	Vibration resistant	Complex amplitude 1.5mm 10...50Hz (2 hours each in X, Y, and Z directions)
Residual voltage	≤2.5VDC		
Circuit protection	surge protection, Short circuit protection, overload protection, reverse polarity protection	Protection degree	IP67
		Dimension	M12*1*40
		Housing material	Nickel copper alloy
Indicator	Yellow LED	Connection type	M12 Connector

Dimension



Wiring diagram

