

APM Subminiature Rectangular Inductive Sensors

- 2.5 mm sensing range
- Miniature rectangular housing
- LED target indication



Technical Specifications

SUPPLY VOLTAGE	8-32 VDC
LOAD CURRENT (I _L)	160 mA max.
LEAKAGE CURRENT (OFF-STATE)	≤ 10 µA
OUTPUT	Suffix A1: NPN normally open Suffix D1: PNP normally open
VOLTAGE DROP AT I _L (MAX.)	≤ 1 V
HYSTERESIS	3-15% (5% typical)
SHORT CIRCUIT AND OVERLOAD PROTECTION	Yes
REVERSE POLARITY PROTECTED	Yes
LED INDICATION	See dimension drawings
SENSING FACE MATERIAL	Polyallylate
STANDARDS	EN 60947-5-2
ENVIRONMENTAL PROTECTION	IP67
AMBIENT TEMPERATURE	-13 °F to +158 °F (-25 °C to +70 °C)
APPROVALS	CE



See pages 865-872 for accessories

3-Wire DC

2-Meter Cable Models

Model Number	Range (mm)	Mounting	Electrical Output	Switching Frequency	Housing Material	Cable Jacket/Size	Dwg. No.
APM-B3A1	2.5	Nonflush	NPN N.O.	120 Hz	Polyallylate	PVC/#26 AWG	1
APM-D3D1	2.5	Nonflush	PNP N.O.	120 Hz	Polyallylate	PVC/#26 AWG	2

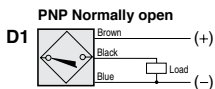
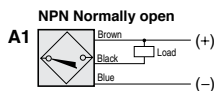
- ⚡ Stocked item
- Typical delivery 4 weeks or less
- Consult factory for all other models

Wiring Diagrams

3-Wire DC

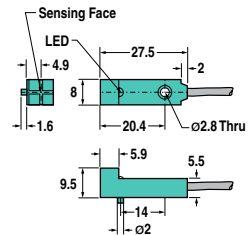


Cable Connection



Drawing No. 1

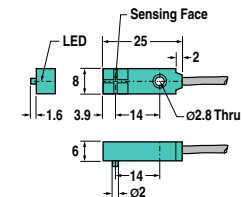
APM-B3A1 [NPN N.O.]



2.5 mm Sensing Range

Drawing No. 2

APM-D3D1 [PNP N.O.]



2.5 mm Sensing Range