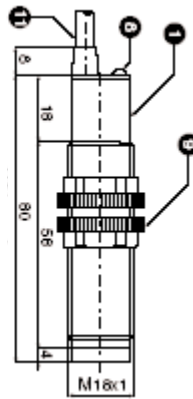
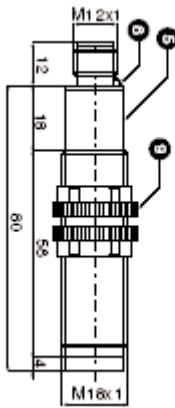


**P18 Tough Stock 18mm Plastic Housing
3m Range Polarized Retro Reflective
Programmable**



**PP/P18 (3m) range 18mm housing
polarized retro reflective**

Infrared emission

Great for use on general applications

4 wire 10-30VDC

**LED's for set up & diagnostics
Programmable: PNP-NPN-NO-NC**

M12 connector & cable available

**Tough Stock series
IP67 protection degree plastic housing**

- 1. - standard cable exit M1
- 5. - M12 connector exit K2
- 8. -red LED indicator
- 9. - nut/hexagon nut
- 11. -cable 4(2)X0.34mm,4.7mm diameter, PVC, 2m

Parts Matrix

photo electric sensor series	P
polarized retro reflective	PX
3m max range	003
18mm diameter	9
PBT plastic housing	P
programmable	D
straight optics (axial)	T
2m standard integrated cable	M1
K2 4 Pin 12mm connector	K2

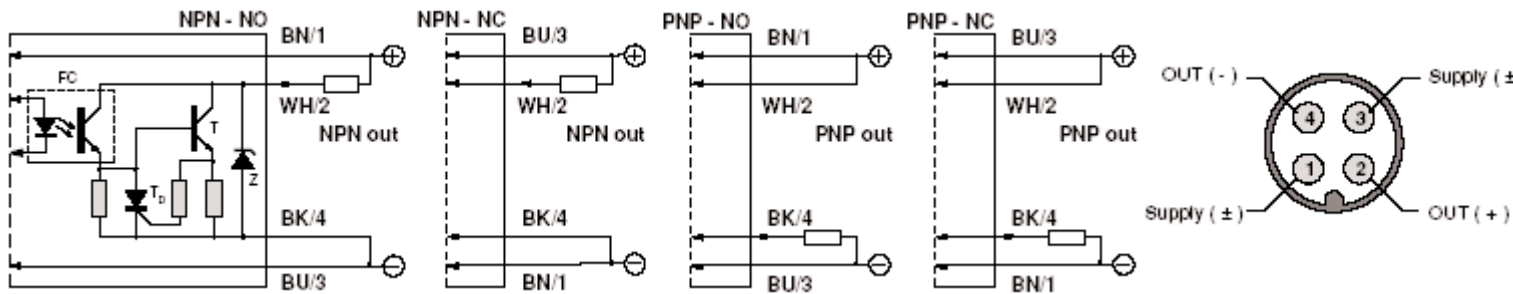
PARTS INDEX

PPX0049PDTM1
PPX0049PDTK2

SPECIFICATIONS

STRAIGHT M1
STRAIGHT K2

Programmable Wiring Diagram & K2 Connector Diagram



TECHNICAL SPECIFICATIONS

Nominal Sensing Distance S_n	3m
Emission	red 660nm
Repeat accuracy	5%
Differential Travel	<10%
Operating Voltage U_b	10-30VDC
Ripple U_{pp}	<10%
No-load Supply	<30mA max
Load Current Max	100mA
Time Delay Before Available	200ms
Weight	150g
Voltage Drop U_d	1.2V max.(100mA)
Output Type	PNP/NPN NO/NC
Response Time	>2mS
Switching Frequency	80Hz
Tightening Torque	40Nm
Supply Electrical Protections	polarity reversal, transient
Output Electrical Protections	short circuit protection (autoreset)
Ambient Temperature T_a	-25--+60C
Temperature Drift	+/- 10% SR
Protection Degree (DIN 40 050)	IEC IP67
LED Indicators	Red
Housing Material	PBT
Lenses Material	plexiglass 7N