

**P18 PAC Line 18mm Plastic Housing
50mm(max) Background Suppression**



PACP/P18 (50mm max range) 18mm housing
Background Suppression

Infrared emission 880nm

Great for use general harsh duty applications

3 wire 20-253 VAC

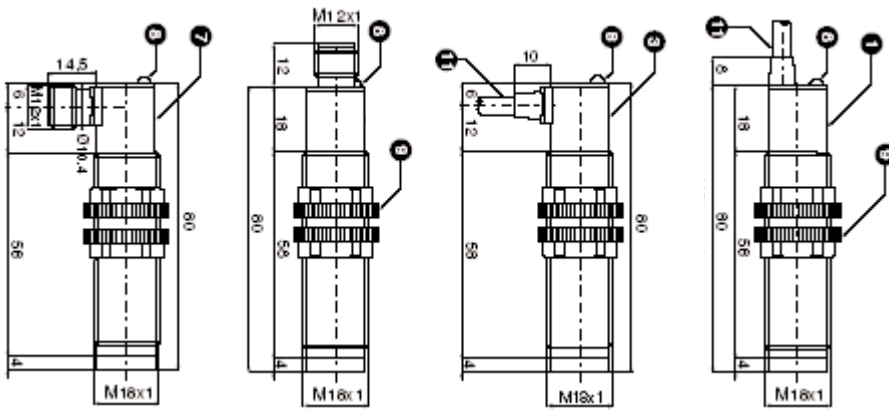
LED's for set up & diagnostics

Low leakage current and high output current

M12/M12 90 Cable/Cable90 connector available

Tough Stock series/Harsh Environment

IP67 protection degree metal housing



- 1. - standard cable exit M1
- 3. - 90 cable exit A1
- 7. - 90 M12 connector K3
- 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	P
background suppression	BZ	BZ
50mm max range	50	50
18mm diameter	9	9
PBT plastic housing	P	P
AC sensor	A	A
NO normally open	1	
NC normally closed		2
straight axial optics (radial also available)	T	T
2m standard integrated cable	M1	M1
2m 90 degree integrated cable	A1	A1
M12 90 degree 4 pin connector	K3	K3
M12 straight 4 Pin connector	K2	K2

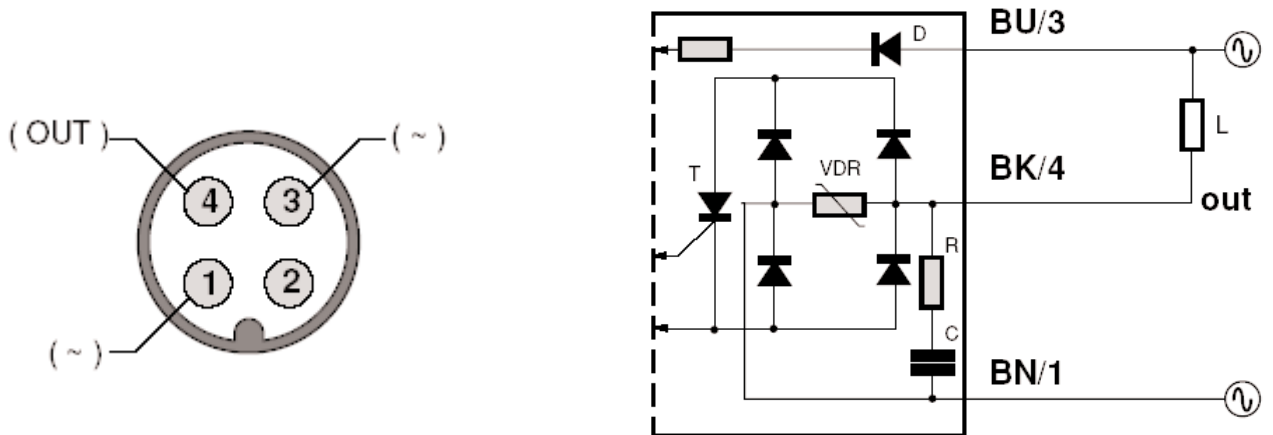
PARTS INDEX

- PBZ0509PA1TM1
- PBZ0509PA2TM1
- PBZ0509PA1TA1
- PBZ0509PA2TA1
- PBZ0509PA1TK3
- PBZ0509PA2TK3
- PBZ0509PA1TK2
- PBZ0509PA2TK2

SPECIFICATIONS

- NO CABLE
- NC CABLE
- NO 90 CABLE
- NC 90 CABLE
- NO 90 CONNECTOR
- NC 90 CONNECTOR
- NO CONNECTOR
- NC CONNECTOR

Wiring Diagram & Connector Diagram



TECHNICAL SPECIFICATIONS

Nominal Sensing Distance S_n	50mm (2")
Emission	infrared 880nm
Repeat accuracy	5%
Inrush Current	6A
Differential Travel	<10%
Operating Voltage U_b	20-253VAC
Ripple U_{pp}	<10%
No-load Supply	30mArms
Load Current Max	5...300mArms
Time Delay Before Available	200ms
Leakage Current	1.5Arms max (250VAC)
Voltage Drop U_d	3V max.(300mA)
Output Type	TRIAC NO or NC
Response Time	>2mS
Switching Frequency	25Hz
Tightening Torque	40Nm
Output Electrical Protections	short circuit protection (autoreset)
Ambient Temperature T_a	-25--+70C
Temperature Drift	+/- 5% SR
Protection Degree (DIN 40 050)	IEC IP67
LED Indicators	Red
Housing Material	PBT
Lenses Material	plexiglass 7N