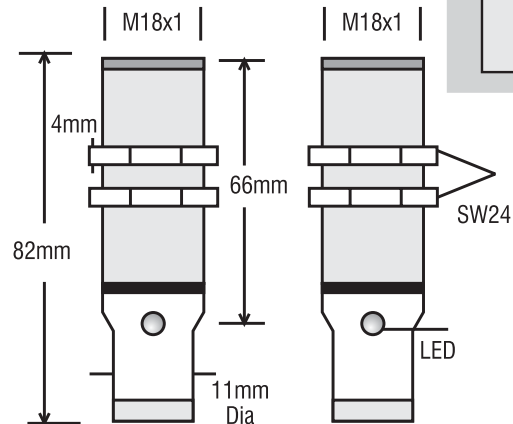


M18 THROUGH BEAM OPTICAL SENSOR / SWITCH (CONNECTOR TYPE)

OPERATIONAL DATA:

- | | |
|---------------------|-------------------------------|
| 1. FUNCTION | THROUGH BEAM TYPE |
| 2. SENSING RANGE | 0.....5M Adjustable from rear |
| 3. OUTPUT | PNP/NPN NO OR NC |
| 4. INDICATION | LED FOR OUTPUT ON |
| 5. AMB. TEMP. RANGE | 0 °C. TO 70 °C. |



ELECTRICAL DATA:

- | | |
|----------------------------|-----------------------------------|
| 6. OPERATING VOLTAGE | 10 V TO 30 VDC |
| 7. CURRENT CONSUMPTION | EMITTER < 15mA
RECEIVER < 40mA |
| 8. DROPOUT VOLTAGE | < 2V @ max load current |
| 9. SWITCHING FREQUENCY | 100 Hz |
| 10. LOAD CURRENT (MAXIMUM) | 200mA |

ORDERING CODE: TYPE

- | | |
|-------------------|---------------------------|
| PSPBB18PATXCN12RS | PNP/200mA/THRU BEAM/NO-NC |
| PSPBB18NATXCN12RS | NPN/200mA/THRU BEAM/NO-NC |

NO = Output On With Obstruction
NC = Output On Without Obstruction

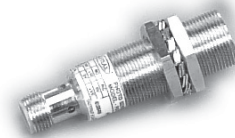
MECHANICAL DATA:

- | | |
|--------------|---|
| 11. HOUSING | M18 X 1mm PAIR OF THREADED BRASS BARRELS NI-CHROME PLATED |
| 12. MOUNTING | Dia 18 mm THRU HOLE
FIXING BY M18 x1 mm
TAPPED PAIR OF NUTS
M12 PLUG CONNECTOR |

* Please contact factory for different barrel lengths.

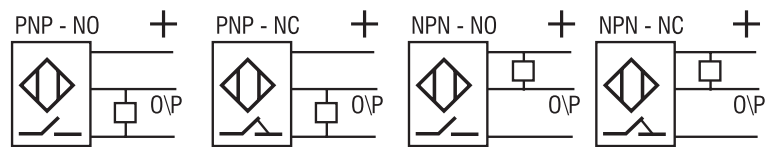
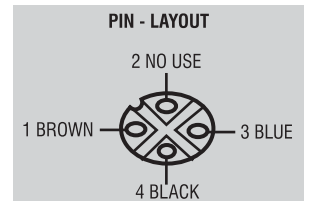
PROTECTION FEATURES:

- | | |
|-----------------------|----------------------------------|
| 14. ENVIRONMENTAL | IP67 |
| 15. POLARITY REVERSAL | YES |
| 16. OUTPUT | AGAINST INDEFINITE SHORT CIRCUIT |



CONNECTION DETAILS:

PIN NO OF MALE CONNECTOR	COLOUR CODE FOR MATCHING ASSEMBLY (SOCKET)	RECEIVER
1 (+Ve)	BROWN	(+Ve) BROWN
2 (N.U)	NOT USED	NOT USED
3 (-Ve)	BLUE	(-Ve) BLUE
4 (OUTPUT)	BLACK	NOT USED



Specifications are subject to change without notice.