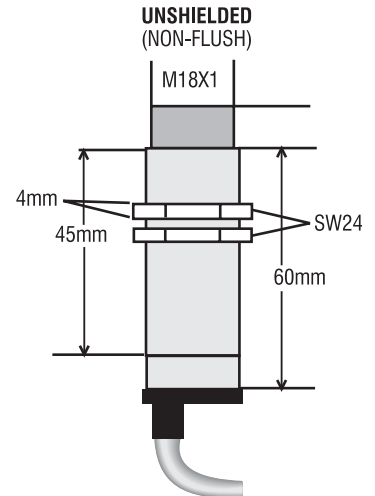


M18 ANALOGUE INDUCTIVE PROXIMITY SWITCH / SENSOR

2.....5 mm
UNSHIELDED

OPERATIONAL DATA:

- | | |
|---|---------------------------|
| 1. INSTALLATION IN METAL | NON-FLUSH |
| 2. SENSING DISTANCE
with FeST37 -
20 x 20 x 1mm Plate | 2...5mm |
| 3. LINEARITY ERROR | 3% |
| 4. HYSTERESIS | 3 TO 15 % |
| 5. REPEATABILITY | 0.02mm |
| 6. TEMPERATURE DRIFT | < 3% over operating range |
| 7. AMB. TEMP. RANGE | 0 DEG.C. TO 70 DEG.C. |



ELECTRICAL DATA:

- | | |
|------------------------|----------------------------|
| 8. OPERATING VOLTAGE | 15 V TO 30 VDC |
| 9. CURRENT CONSUMPTION | < 8mA |
| 10. OUTPUT | 0.....20mA OVER FULL RANGE |
| 11. FREQUENCY RESPONSE | 1KHz |
| 12. OUTPUT TYPE | ANALOGUE |
| 13. LOAD RESISTANCE | 0.1.....500 Ohms |

ORDERING CODE:

TYPE

PSIBB18ANNICB02RS M18/ANALOGUE/
2...5mmrange

MECHANICAL DATA:

- | | |
|-----------------|---|
| 14. HOUSING | M18X1mmTHREADED BRASS
BARREL Ni-CHROME PLATE |
| 15. MOUNTING | 18mm THRU' HOLE FIXING BY
M18X1mm TAPPED PAIR OF NUTS. |
| 16. TERMINATION | Cu CABLE PVC INSULATED 3X0.34 Sq.mm. |

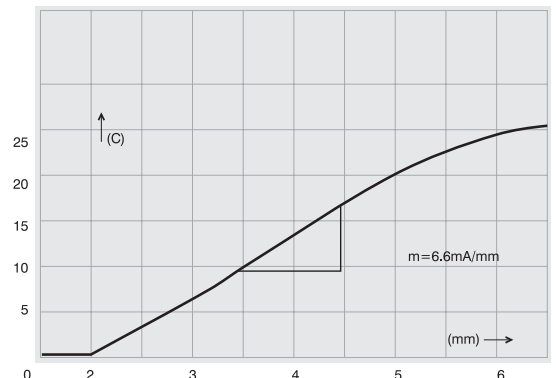
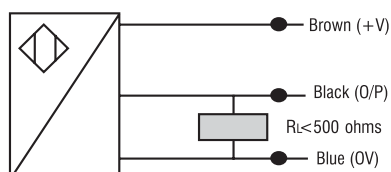


PROTECTION FEATURES:

- | | |
|-----------------------|-------------|
| 17. ENVIRONMENTAL | IP67 |
| 18. POLARITY REVERSAL | YES |

CONNECTION DETAILS:

- | | |
|-------|--------------|
| BROWN | (+) |
| BLACK | ANALOGUE O/P |
| BLUE | (-) |



Specifications are subject to change without notice.