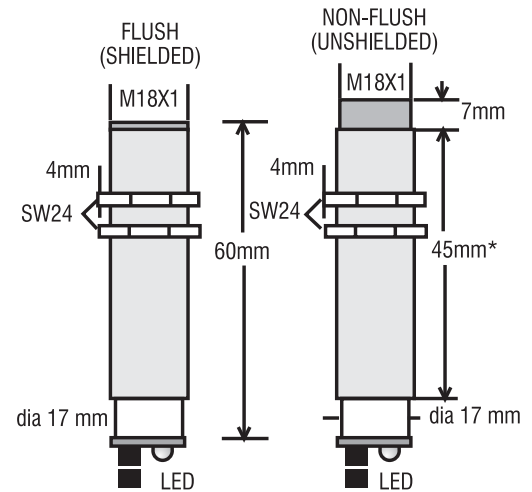


M18 DC INDUCTIVE COMPLEMENTARY PROXIMITY SWITCH/SENSOR

5mm/8mm
FLUSH/NONFLUSH

OPERATIONAL DATA

1. MOUNTING IN METAL	FLUSH/NONFLUSH
2. SENSING DISTANCE With Fe/ST - 18mm X 18mm X 1mm	5 mm (FLUSH) / 8mm (NONFLUSH)
3. HYSTERESIS	3 % TO 15 %
4. REPEATABILITY	0.01 mm
5. TEMPERATURE DRIFT	<10%
6. AMB. TEMP. RANGE	0 DEG. TO 70 DEG. C.



ELECTRICAL DATA:

7. OPERATING VOLTAGE	10 V TO 30 VDC
8. CURRENT CONSUMPTION	<20 mA
9. DROPOUT VOLTAGE	<1V @ max load current
10. SWITCHING FREQUENCY	800 Hz
11. LOAD CURRENT (MAXIMUM)	200 mA
12. OUTPUT TYPE	PNP OR NPN complimentary, NO + NC

ORDERING CODE: TYPE

PSIBB18PAFDCB02RS	PNP/200mA/FLUSH/NO + NC
PSIBB18NAFDCB02RS	NPN/200mA/FLUSH/NO + NC
PSIBB18PANDCB02RS	PNP/200mA/NON FLUSH/NO + NC
PSIBB18NANDCB02RS	NPN/200mA/NON FLUSH/NO + NC
PSIBB18PBFDCB02RS	PNP/400mA/FLUSH/NO + NC
PSIBB18NBFDCB02RS	NPN/400mA/FLUSH/NO + NC
PSIBB18PBNDCB02RS	PNP/400mA/NON FLUSH/NO + NC
PSIBB18NBNDCB02RS	NPN/400mA/NON FLUSH/NO + NC

MECHANICAL DATA:

13. HOUSING	M18 X 1 mm THREADED BRASS BARREL NI-CHROME PLATED
14. MOUNTING	18 mm THRU HOLE FIXING BY M18 X 1 mm TAPPED PAIR OF NUTS
15. TERMINATION	Cu CABLE PVC INSULATED 4 X 0.34 Sq. mm

PROTECTION FEATURES:

16. ENVIRONMENTAL	IP67 (tested and certified by CMRI, Dhanbad)
17. POLARITY REVERSAL	YES
18. OUTPUT	AGAINST INDEFINITE SHORT CIRCUIT

CONNECTION DETAILS:

BROWN	+ V
BLACK	NO
BLUE	0 V
WHITE	NC

Recommended for the application subject to manufacturer's change time to time

** please contact factory for different barrel lengths
Specifications are subject to change without notice.

