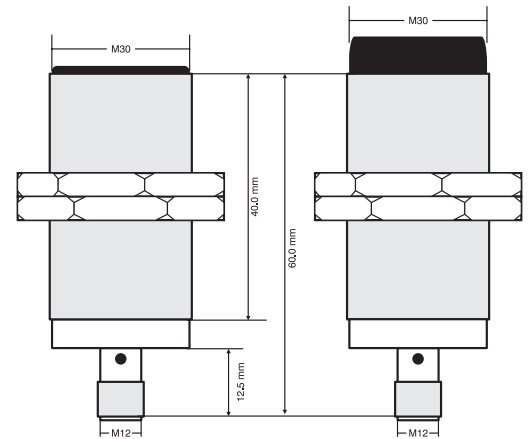


M30 DC INDUCTIVE PROXIMITY SWITCH / SENSOR

10mm/15mm
FLUSH / NONFLUSH

OPERATIONAL DATA:

1. MOUNTING IN METAL	FLUSH / NON-FLUSH
2. SENSING DISTANCE with Fe/ST37 -30mm X 30mm X 1mm	10mm(FLUSH) 15mm(NON-FLUSH)
3. HYSTERESIS	3% TO 15%
4. REPEATABILITY	0.01mm
5. TEMPERATURE DRIFT	< 10%
6. AMB. TEMP. RANGE	0 DEG.C. TO 70 DEG.C.

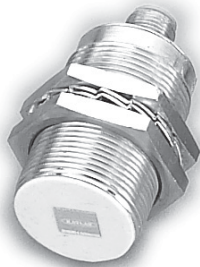


ELECTRICAL DATA:

7. OPERATING VOLTAGE	10 V TO 30 VDC
8. CURRENT CONSUMPTION	< 20 mA
9. DROPOUT VOLTAGE	< 1V @ max load current
10. SWITCHING FREQUENCY	500 Hz
11. LOAD CURRENT (MAXIMUM)	200mA / 400mA

ORDERING CODE : TYPE

PSIBB30PAFOCN12RS	PNP/NO/200mA/FLUSH
PSIBB30PAFCCN12RS	PNP/NC/200mA/FLUSH
PSIBB30PBFOCN12RS	PNP/NO/400mA/FLUSH
PSIBB30PBFCCN12RS	PNP/NC/400mA/FLUSH
PSIBB30PANOCN12RS	PNP/NO/200mA/NONFLUSH
PSIBB30PANCCN12RS	PNP/NO/200mA/NONFLUSH
PSIBB30PBNOCN12RS	PNP/NO/400mA/NONFLUSH
PSIBB30PBNCCN12RS	PNP/NO/400mA/NONFLUSH
PSIBB30NAFOCN12RS	NPN/NO/200mA/FLUSH
PSIBB30NAFCCN12RS	NPN/NC/200mA/FLUSH
PSIBB30NBFOCN12RS	NPN/NO/400mA/FLUSH
PSIBB30NBFCCN12RS	NPN/NC/400mA/FLUSH
PSIBB30NANOCN12RS	NPN/NO/200mA/NONFLUSH
PSIBB30NANCCN12RS	NPN/NO/200mA/NONFLUSH
PSIBB30NBNOCN12RS	NPN/NO/400mA/NONFLUSH
PSIBB30NBNCCN12RS	NPN/NO/400mA/NONFLUSH



MECHANICAL DATA:

12. HOUSING	M30 X 1.5mm THREADED BRASS BARREL Ni-CHROME PLATED
13. MOUNTING	30mm THRU HOLE FIXING BY M30 X1.5mm TAPPED PAIR OF NUTS
14. TERMINATION	M12 Plug Connector

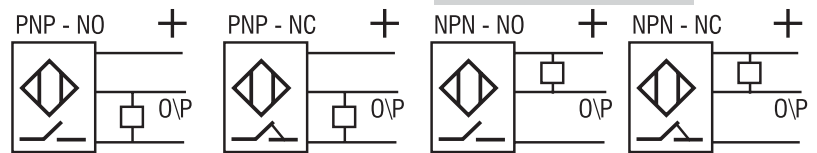
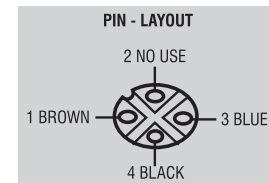
* please contact factory for
different barrel lengths.

PROTECTION FEATURES:

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

CONNECTION DETAILS:

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



Specifications are subject to change without notice.