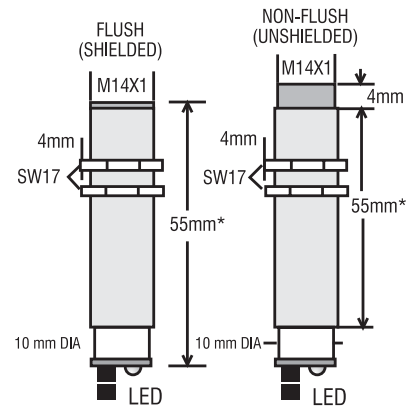


## M14DC INDUCTIVE PROXIMITY SWITCH/SENSOR

2mm/4mm  
FLUSH / NONFLUSH

### OPERATIONAL DATA:

1. MOUNTING IN METAL	FLUSH / NON-FLUSH
2. SENSING DISTANCE with Fe/ST37	2mm(FLUSH) / 4mm(NON-FLUSH)
	-14mmX14mmX1mm
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	1.5 KHz
11. LOAD CURRENT (MAXIMUM)	200mA / 400mA

### ORDERING CODE: TYPE

PSIBB14PAFOCB02RS	PNP/NO/200mA/FLUSH
PSIBB14PAFCCB02RS	PNP/NC/200mA/FLUSH
PSIBB14PBFOCB02RS	PNP/NO/400mA/FLUSH
PSIBB14PBFCCB02RS	PNP/NC/400mA/FLUSH
PSIBB14PANOCB02RS	PNP/NO/200mA/NONFLUSH
PSIBB14PANCCB02RS	PNP/NC/200mA/NONFLUSH
PSIBB14PBNOCB02RS	PNP/NO/400mA/NONFLUSH
PSIBB14PBNCCB02RS	PNP/NC/400mA/NONFLUSH
PSIBB14NAFOCB02RS	NPN/NO/ 200mA/FLUSH
PSIBB14NAFCCB02RS	NPN/NC/ 200mA/FLUSH
PSIBB14NBFOCB02RS	NPN/NO/400mA/FLUSH
PSIBB14NBFCCB02RS	NPN/NC/400mA/FLUSH
PSIBB14NANOCB02RS	NPN/NO/200mA/NONFLUSH
PSIBB14NANCCB02RS	NPN/NC/200mA/NONFLUSH
PSIBB14NBNOCB02RS	NPN/NO/400mA/NONFLUSH
PSIBB14NBNCCB02RS	NPN/NC/400mA/NONFLUSH

### MECHANICAL DATA:

12. HOUSING	M14 X 1mm THREADED BRASS BARREL Ni-CHROME PLATED
13. MOUNTING	14 mm THRU HOLE FIXING BY M14 X1mm TAPPED PAIR OF NUTS
14. TERMINATION	Cu CABLE PVC INSULATED 3X0.34 Sq.mm.

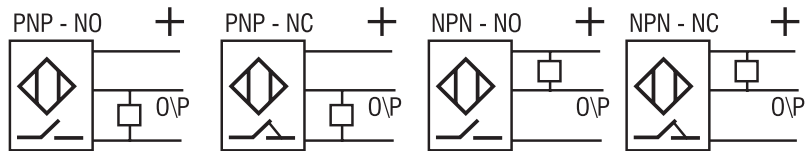
\* please contact factory for different barrel lengths.

### PROTECTION FEATURES:

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

### CONNECTION DETAILS:

BROWN	+V
BLACK	OUTPUT
BLUE	0 V



Specifications are subject to change without notice.