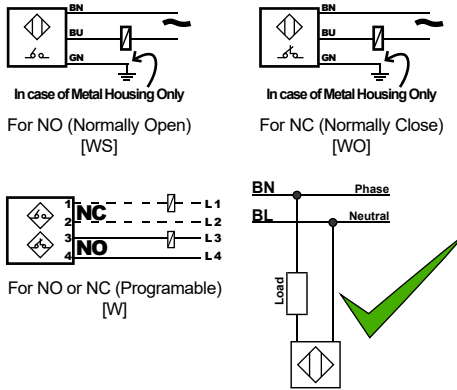


The design, production and testing of OSNA Proximity Switches has considered the harmonised European Standards EN 50081, EN 50082.

Die Fertigung und Prüfung von OSNA Näherungsschalter berücksichtigt die harmonisierten europäischen Normen EN 50081, EN 50082.

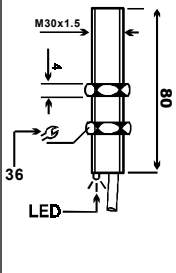
Connection Diagram & Pinout



FLUSH

Metal Housing BRASS
PVC Cable Switching impulse suppression
(For PBTP Housing) IP-68 Protection
Temperature : -20 to +70°C

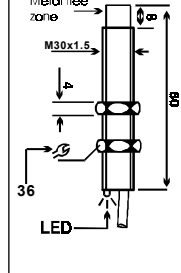
Sensing 10 mm



NON FLUSH

Metal Housing BRASS
PVC Cable Switching impulse suppression
(For PBTP Housing) IP-68 Protection
Temperature : -20 to +70°C

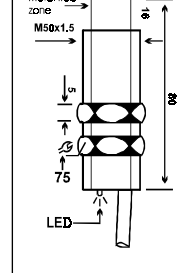
Sensing 15 mm



NON FLUSH

Metal Housing BRASS
Steel PVC Cable Switching impulse suppression
IP-67 Protection
Temperature : -20 to +70°C

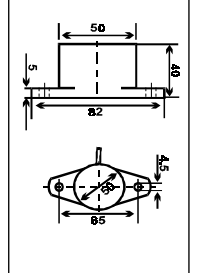
Sensing 25 mm



NON FLUSH

PBTP Housing
Steel PVC Cable Switching impulse suppression
IP-67 Protection
Temperature : -20 to +70°C

Sensing 25 mm



Technical Data

Operating Voltage	20-250 VAC	20-250 VAC	20-250 VAC	20-250 VAC
Continuous Load Current	5-500mA	5-500mA	5-500mA	5-500mA
Current Consumption	< 1.7mA	< 1.7mA	< 1.7mA	< 1.7mA
Voltage Drop	< 5V	< 5V	< 5V	< 5V
Standard Target (Ferrous) - mm	30x30x1.5	45x45x1.5	75x75x1.5	75x75x1.5
Switching Hysteresis	< 3%	< 3%	< 3%	< 3%
Switching Frequency	25 Hz	25 Hz	25 Hz	25 Hz
Short Time Current (t=10ms)	< 4A	< 4A	< 4A	< 4A
Cable (Cross Section)	0.34 mm ²	0.34 mm ²	0.75 mm ²	0.75 mm ²

Ordering Chart

METAL HOUSING NO	IN 10 30 TM AC-NO ART. NO. : (SIA009 M2)	IN 15 30 TM AC-NO ART. NO. : (SIA011 M2)	IN 25 50 TM AC-NO ART. NO. : (SIA013 M2)	
NC	IN 10 30 TM AC-NC ART. NO. : (SIA010 M2)	IN 15 30 TM AC-NC ART. NO. : (SIA012 M2)	IN 25 50 TM AC-NC ART. NO. : (SIA014 M2)	
SYNTHETIC HOUSING NO	IN 10 30 TS AC-NO ART. NO. : (SIA009S2)	IN 15 30 TS AC-NO ART. NO. : (SIA 011 S2)		NJ 25 50 WS ART. NO. : (SIA016 S2)
NC	IN 10 30 TS AC-NC ART. NO. : (SIA010S2)	IN 15 30 TS AC-NC ART. NO. : (SIA 012 S2)		NJ 25 50 WO ART. NO. : (SIA017 S2)

AS THE MARKET REQUIRES A CONTINUOUS UPDATE / IMPROVEMENT DATA IS SUBJECT TO CHANGE WITHOUT NOTICE.

Osna Electronics Pvt. Ltd. was earlier P and F Electronics P. Ltd., founded in the year 1985 as a joint venture up-to 1990 with M/s. Pepperl + Fuchs GmbH, Germany.