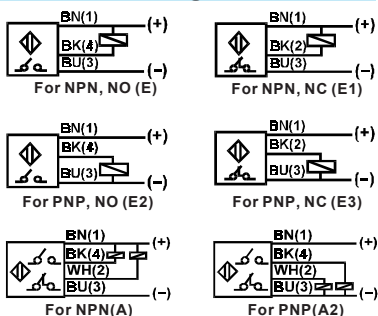


The design, production and testing of OSNA Proximity Switches has considered the harmonised European Standards EN 61000 as the basis leading to the Certificate of Conformity for the CE Sign.

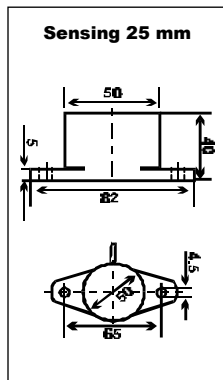
Die Fertigung und Prüfung von OSNA Näherungsschalter berücksichtigt die harmonisierten europäischen Normen EN 61000 als Grundlage für die Konformitätserklärung für die CE Kennzeichnung.

Connection Diagram & Pinout



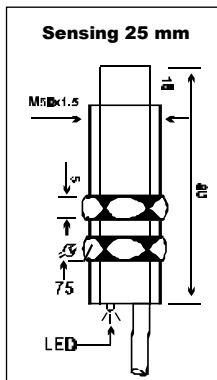
NON FLUSH

PBTB Housing PVC Cable
Connection Reverse polarity
proof Overload protection
Switching impulse suppression
LED, IP-68 Protection
Temperature : -20 to +70 °C



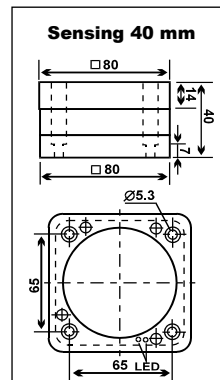
NON FLUSH

Metal Housing PVC Cable
2 m, 0.34mm Reverse
polarity proof Overload
protection Switching
Impulse suppression
LED, IP-67 Protection
Temperature : -20 to +70 °C



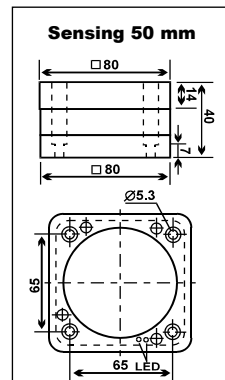
NON FLUSH

PBTP Housing PVC Cable
2 m, 0.34mm Reverse
polarity proof Overload
protection Switching
Impulse suppression
LED, IP-67 Protection
Temperature : -20 to +70 °C



NON FLUSH

PBTP Housing PVC Cable
2 m, 0.34mm Reverse
polarity proof Overload
protection Switching
Impulse suppression
LED, IP-67 Protection
Temperature : -20 to +70 °C



Technical Data

Operating Voltage	10-35 VDC	10-35 VDC	10-35 VDC	10-35 VDC
Assured operat.dist. Sn [mm]	0 ...20.25	0 ...20.25	0 ...32.40	0 ...40.5
Continuous Load Current	200 mA	200 mA	< 200mA	< 200mA
Current Consumption	<12mA	<12mA	<12mA	<12mA
Voltage Drop.	<3V	<3V	<3V	<3V
Standard Target(Ferrous) - mm	75 x 75 x 1.5	75 x 75 x 1.5	120 x 120 x 1.5	150 x 150 x 1.5
Switching Hysteresis	<5%	<5%	<5%	<5%
Switching Frequency	250Hz	250Hz	100Hz	100Hz
EMC Test	IEC 801	IEC 801	IEC 801	IEC 801

Odering Chart

DC PNP	NO	IN 25-50-PNP-NO ART. NO. : (SID 110 S2)	IN 25-50-TM-PNP-NO ART. NO. : (SID 117 M2)	IN 40 FP PNP-NO ART. NO. : (SID 129 S2)	IN 50 FP PNP-NO ART. NO. : (SID 135 S2)
	NC	IN 25-50-PNP-NC ART. NO. : (SID 0113 S2)	IN 25-50-TM-PNP-NC ART. NO. : (SID 119 M2)	IN 40 FP PNP-NC ART. NO. : (SID 133 S2)	IN 50 FP PNP-NC ART. NO. : (SID 137 S2)
DC NPN	NO	IN 25-50-NPN-NO ART. NO. : (SID 110 S2)	IN 25-50-TM-NPN-NO ART. NO. : (SID 116 M2)	IN 40 FP NPN-NO ART. NO. : (SID 128 S2)	IN 50 FP NPN-NO ART. NO. : (SID 134 S2)
	NC	IN 25-50-NPN-NC ART. NO. : (SID 112 S2)	IN 25-50-TM-NPN-NC ART. NO. : (SID 118 M2)	IN 40 FP NPN-NC ART. NO. : (SID 132 S2)	IN 50 FP NPN-NC ART. NO. : (SID 136 S2)
ANTIVALENT PNP NO + NC			IN 25-50-TM-PNP-NO+NC ART. NO. : (SID 120 M2)	IN 40 FP PNP NO+NC ART. NO. : (SID 131 S2)	IN 50 FP PNP NO+NC ART. NO. : (SID 139 S2)
(Changeover) NPN NO + NC			IN 25-50-TM-NPN-NO+NC ART. NO. : (SID 121 M2)	IN 40 FP NPN NO+NC ART. NO. : (SID 130 S2)	IN 50 FP NPN NO+NC ART. NO. : (SID 138 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.

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