

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		FLUSH	FLUSH	NON FLUSH	NON FLUSH
		Metal Housing PVC Cable 2 m, 0.14mm Reverse polarity proof Overload protection Switching Impulse suppression LED, IP-67 Protection Temperature : -20 to +70°C	Metal Housing Connection Type-Plug M12x1,3 Pin Reverse polarity proof Overload protection Switching impulse suppression Temperature : -20 to +70°C	Metal Housing PVC Cable 2 m, 0.14mm Reverse polarity proof Overload protection Switching Impulse suppression LED, IP-67 Protection Temperature : -20 to +70°C	Metal Housing Connection Type-Plug M12x1,3 Pin Reverse polarity proof Overload protection Switching impulse suppression Temperature : -20 to +70°C
Technical Data					
Operating Voltage	10-35VDC	10-35VDC	10-35 VDC	10-35 VDC	10-35 VDC
Assured operat.dist. Sn [mm]	0 ...8.10	0 ...8.10	0 ...12.15	0 ...12.15	0 ...12.15
Continuous Load Current	<200mA	<200mA	200 mA	200 mA	200 mA
Current Consumption	<15mA	<15mA	<15mA	<15mA	<15mA
Voltage Drop.	<3V	<3V	<3V	<3V	<3V
Standard Target(Ferrous) - mm	30x30x1.5	30x30x1.5	45 x 45 x 1.5	45 x 45 x 1.5	45 x 45 x 1.5
Switching Hysteresis	<5%	<5%	<5%	<5%	<5%
Switching Frequency	500Hz	500Hz	300Hz	300Hz	300Hz
EMC Test	IEC 801	IEC 801	IEC 801	IEC 801	IEC 801
Odering Chart					
DC PNP	NO	NJ 10-30-GM-50-E2 ART. NO. : (SID 069 M2)	NJ 10-30-GM-50-E2-V1 ART. NO. : (SID 071 V1)	NJ 15-30-GM-50-E2 ART. NO. : (SID 082 M2)	NJ 15-30-GM-50-E2-V1 ART. NO. : (SID 084 V1)
	NC	IN 10 30 TM PNP-NC ART. NO. : (SID 075 M2)	IN 10-30-TM-PNP-NC-C1 ART. NO. : (SID 077 C1)	IN 15-30-TM-PNP-NC ART. NO. : (SID 086 M2)	IN 15-30-TM-PNP-NC-C1 ART. NO. : (SID 087 C1)
DC NPN	NO	NJ 10-30-GM-50-E ART. NO. : (SID 068 M2)	NJ 10-30-GM-50-E-V1 ART. NO. : (SID 070 V1)	NJ 15-30-GM-50-E ART. NO. : (SID 080 M2)	IN 15-30-TM-NPN-NO-C1 ART. NO. : (SID 086 C1)
	NC	IN 10 30 TM NPN-NC ART. NO. : (SID 074 M2)	IN 10-30-TM-NPN-NC-C1 ART. NO. : (SID 076 C1)	IN 15-30-TM-NPN-NC ART. NO. : (SID 088 M2)	IN 15-30-TM-NPN-NC-C1 ART. NO. : (SID 089 C1)
ANTIVALENT (Changeover)	PNP NO + NC	NJ 10-30-GM-50-A2 ART. NO. : (SID 066 M2)	NJ 10-30-GM-50-A2-V1 ART. NO. : (SID 067 V1)	NJ 15-30-GM-50-A2 ART. NO. : (SID 083 M2)	NJ 15-30-GM-50-A2-V1 ART. NO. : (SID 085 V1)
	NPN NO + NC	IN 10 30 TM NPN NO+NC ART. NO. : (SID 072 M2)	IN 10-30-TM-NPN-NO+NC-C1 ART. NO. : (SID 073 C1)	IN 15-30-TM-NPN-NO+NC ART. NO. : (SID 090 M2)	IN 15-30-TM-NPN-NO+NC-C1 ART. NO. : (SID 091 C1)

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.