

Proximity Switches - Overview



General Technical data	T3R-MKII	T6Y-MKII	T7GY-MKII	R8S-MKIII	R8SN-MKIII	T9SPC
Voltage	15 – 30 V DC	15 – 30 V DC	15 – 30 V DC	15 – 30 V DC	15 – 30 V DC	15 – 30 V DC
Output	Max 200 mA, NO, NPN	Max 200 mA, NO, PNP	Max 200 mA, NO, PNP	Max 200 mA, NO, PNP	Max 200 mA, NO, NPN	Max 200 mA, NO, PNP
Indication distance Iron	11.0 mm (±10%) (±10% at -20 - +60°C)	4.0 mm (±15%) (±10% at -20 - +60°C)	11.0 mm (±10%) (±10% at -20 - +60°C)	8 mm (±1mm) (±10% at -25 - +70 °C)	8 mm (±1mm) (±10% at -25 - +70 °C)	4 mm (-0 / +1mm) (±10% at -25 - +70 °C)
Indication distance Stainless steel	11.5 mm (±10%) (±10% at -20 - +60°C)	4.5 mm (±15%) (±10% at -20 - +60°C)	11.5 mm (±10%) (±10% at -20 - +60°C)	8 mm (±1mm) (±10% at -25 - +70 °C)	8 mm (±1mm) (±10% at -25 - +70 °C)	N/A
Indication distance Alu Bronze	12.0 mm (±10%) (±10% at -20 - +60°C)	5.0 mm (±15%) (±10% at -20 - +60°C)	12.0 mm (±10%) (±10% at -20 - +60°C)	8 mm (±1mm) (±10% at -25 - +70 °C)	8 mm (±1mm) (±10% at -25 - +70 °C)	N/A
Hysteresis	< 1 mm	< 1 mm	< 1 mm	< 1 mm	< 1 mm	< 1 mm
Pressure tested	25 bar	25 bar	25 bar	70 bar	70 bar	70 bar
Shock resistance	2000 g	2000 g	2000 g	2000 g	2000 g	2000 g
EMC	-	-	-	MIL-STD-461-F	MIL-STD-461-F	MIL-STD-461-G
Lenght	159 mm	159 mm	159 mm	80 mm	80 mm	106 mm
Diameter	26 mm	26 mm	26 mm	40 mm	40 mm	N/A
Width	N/A	N/A	N/A	N/A	N/A	60 mm
Height	N/A	N/A	N/A	N/A	N/A	29 mm
Weight	129 gram (cable not included)	129 gram (cable not included)	129 gram (cable not included)	180 gram (cable not included)	180 gram (cable not included)	520 gram (2 m cable included)

The proximity switches could be configured to suit various applications upon request. Please contact us for more details.