

Standard cylindrical proximity switch-M30

Embeddable-10mm, un-embeddable-15mm

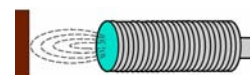


Standard series

2-Wires AC

Embeddable-10mm

Un-embeddable-15mm



Technical feature:

Rated operating distance s_n		10 mm		15 mm	
Installation		embeddable		not embeddable	
AC	Make function	IGE10-30TM-AO		IGN15-30TM-AO	
AC	Break function	IGE10-30TM-AC		IGN15-30TM-AC	
Reduction factor r_{AI}		0.29		0.45	
Reduction factor r_{Cu}		0.26		0.41	
Reduction factor r_{V2A}		0.71		0.82	
Assured operating distance s_a		0 ... 8.1 mm		0 ... 12.2mm	
Operating voltage U_B		20 ... 250VAC		20 ... 250VAC	
Operating current I_L		5 ... 200 mA		5 ... 200 mA	
Switching frequency f		0 ... 20 Hz		0 ... 20 Hz	
Off-state current I_r		0 ... 1.7 mA typ.		0 ... 1.7 mA typ.	
Momentary current (20ms,0.1Hz)		0 ... 4000 mA		0 ... 4000 mA	
Voltage drop U_d		≤8 V		≤8 V	
Indication of the switching state		LED, yellow		LED, yellow	
Standards		EN 60947-5-2		EN 60947-5-2	
Ambient temperature		-25 ... 70 °C		-25 ... 70 °C	
Connection type		2 m, PVC cable		2 m, PVC cable	
Core cross-section		0.34 mm ²		0.34 mm ²	
Housing material		brass, nickel-plated		brass, nickel-plated	
Sensing face		PBT		PBT	
Protection degree		IP67		IP67	

Connection:

