

# Standard rectangular proximity switch-S25

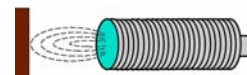
## Un-embeddable-12mm



### Standard series

3-Wires

Un-embeddable-12mm



### Technical feature:

Rated operating distance $s_n$	12 mm			
Installation	Not embeddable			
PNP	Make function	IGN12-S25-PO		
NPN	Make function	IGN12-S25-NO		
Reduction factor $r_{AI}$	0.3			
Reduction factor $r_{Cu}$	0.2			
Reduction factor $r_{V2A}$	0.6			
Assured operating distance $s_a$	0 ... 9.6 mm			
Operating voltage $U_B$	10 ... 30 V			
Operating current $I_L$	0 ... 150 mA			
Switching frequency $f$	0 ... 500 Hz			
No-load supply current $I_0$	$\leq 15$ mA			
Off-state current $I_r$	0 ... 0.5 mA typ.			
Voltage drop $U_d$	$\leq 3$ V			
Reverse polarity protection	Protected against reverse polarity			
Short circuit protection	pulsing			
Indication of the switching state	LED, yellow			
Standards	EN 60947-5-2			
Ambient temperature	-25 ... 70 °C			
Connection type	2 m, PVC cable			
Core cross-section	0.34 mm <sup>2</sup>			
Housing material	PBT			
Sensing face	PBT			
Protection degree	IP67			

### Connection:

