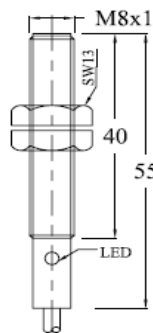


Inductive Proximity Sensors

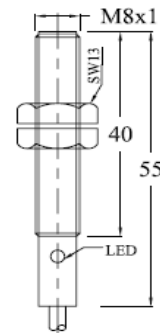
DC Standard



Dimensions



Dimensions



Technical Data

Model	IPS-A02-212L IPS-A02-212N	IPS-A02-222L IPS-A02-222N
General specifications		
Switching Output	PNP, N/O PNP, N/C	NPN, N/O NPN, N/C
Rated Operating Distance	S_n 1.5 mm \pm 10%	1.5 mm \pm 10%
Installation	Flush	Flush
Nominal Ratings		
Supply Voltage	U_e 10-30 Vdc	10-30 Vdc
Frequency of Operating cycle	f 1.5KHz	1.5KHz
Hysteresis/Differential travel	H \pm 10%	\pm 10%
Rated operating current	I_e 100 mA	100 mA
No-load supply current	I_o < 15 mA	< 15 mA
Voltage drop	U_d < 2.2Vdc	< 2.2Vdc
OFF state current	I_r < 0.1mA	< 0.1mA
Rated insulation voltage	U_i 75 Vdc	75 Vdc
Utilization category	DC-13	DC-13
Repeatability/ Repeat accuracy	R 0.1 mm	0.1 mm
Protection Circuit	Short circuit & Polarity reversal	Short circuit & Polarity reversal
Function Indication	LED	LED
Ambient Conditions		
Operating temperature	-25° C to +70° C	-25° C to +70° C
Mechanical Specifications		
Connection Type	Cable PVC, 3 Core - 3 mtrs.	Cable PVC, 3 Core - 3 mtrs.
Core Cross-section	22 AWG	22 AWG
Housing material	CuZn-Nickel Plated	CuZn-Nickel Plated
Sensing face	Plastic ABS-Grey Color	Plastic ABS-Green Color
Degree of protection	IP67	IP67
Compliance with Standards and Directives		
Standards Conformity	EN 60947- 5-2	EN 60947- 5-2
Approval	CE	CE