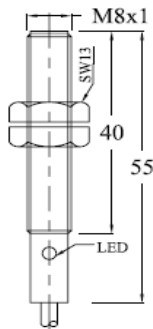


# Inductive Proximity Sensors

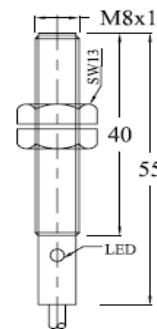
DC Extended



## Dimensions



## Dimensions



## Technical Data

	Model	IPX-A02-217L	IPX-D02-217L
<b>General specifications</b>			
Switching Output		PNP, N/O	PNP, N/O
Rated Operating Distance	$S_n$	2 mm $\pm$ 10%	2 mm $\pm$ 10%
Installation		Flush	Flush
<b>Nominal Ratings</b>			
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
<b>Ambient Conditions</b>			
Operating temperature		-25° C to +70° C	-25° C to +70° C
<b>Mechanical Specifications</b>			
Connection Type		Cable PVC, 3 mtrs.	Cable PUR, 3 mtrs.
Core Cross-section		22 AWG	22 AWG
Housing material		CuZn-Nickel Plated	Stainless steel
Sensing face		Plastic ABS-Grey Color	Plastic ABS-Grey Color
Degree of protection		IP67	IP67
<b>Compliance with Standards and Directives</b>			
Standards Conformity		EN 60947- 5-2	EN 60947- 5-2
Approval		CE	CE