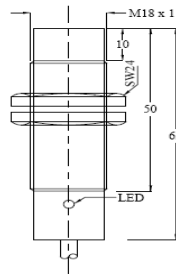
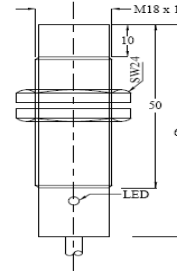




Dimensions



Dimensions



Technical Data

Model	IPS-A23-213L IPS-A23-213N	IPS-A23-223L IPS-A23-223N
<b>General specifications</b>		
Switching Output	PNP, N/O PNP, N/C	NPN, N/O NPN, N/C
Rated Operating Distance $S_n$	8 mm $\pm$ 10%	8 mm $\pm$ 10%
Installation	Non-Flush	Non-Flush
<b>Nominal Ratings</b>		
Supply Voltage $U_e$	10-30 Vdc	10-30 Vdc
Frequency of Operating cycle $f$	250 Hz	250 Hz
Hysteresis/Differential travel $H$	$\pm$ 10%	$\pm$ 10%
Rated operating current $I_e$	200 mA	200 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 $R$	0.3 mm	0.3 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 PVC, 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
<b>Compliance with Standards and Directives</b>		
Standards Conformity	EN 60947- 5-2	EN 60947- 5-2
Approval	CE	CE