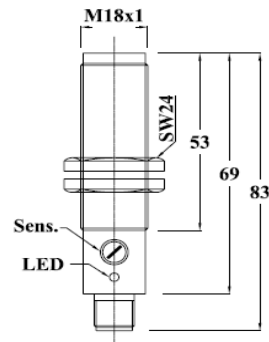
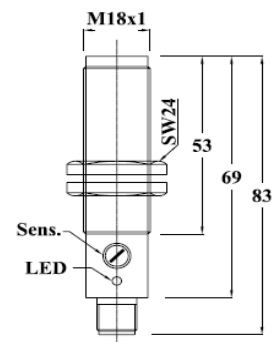




Dimensions



Dimensions



Technical Data

Model	PES-O20-P213S	PES-O20-P223S
General specifications		
Type	Diffused	Diffused
Switching Output	PNP, D/L Selectable	NPN, D/L Selectable
Rated Operating Distance	S_n 250 mm \pm 10%, Sensitivity adjustable	250 mm \pm 10%, Sensitivity adjustable
Nominal Ratings		
Supply Voltage	U_e 10-30 Vdc	10-30 Vdc
Frequency of Operating cycle	f 25 Hz	25 Hz
Hysteresis/Differential travel	H <10%	<10%
Rated operating current	I_e 200 mA	200 mA
No-load supply current	I_o < 50 mA	< 50 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
Permissible Ambient light	3000Lux.	3000Lux.
Protection Circuit	Short circuit & Polarity reversal	Short circuit & Polarity reversal
Function Indication	Red LED - Output, Green LED - Stability	Red LED - Output, Green LED - Stability
Ambient Conditions		
Operating temperature	-5° C to +55° C	-5° C to +55° C
Mechanical Specifications		
Housing Material	CuZn-Nickel Plated	CuZn-Nickel Plated
Degree of protection	IP54	IP54
Connection	M12 Connector	M12 Connector
Compliance with Standards and Directives		
Standards Conformity	EN 60947- 5-2	EN 60947- 5-2
Approval	CE	CE