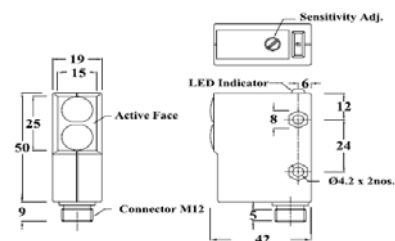
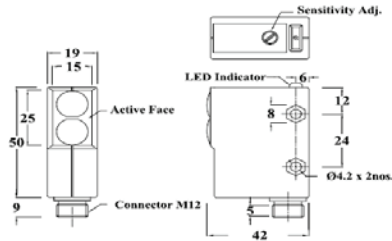


Dimensions

Dimensions



Technical Data

Model	PES-O54-R214S	PES-O54-R216S
General specifications		
Type	Retroreflex	Retroreflex
Switching Output	PNP, D/L selectable	PNP, D/L selectable
Rated Operating Distance S_n	0.1 - 4 Mtrs $\pm 10\%$, Sensitivity adj.	0.1-1.2 Mtrs $\pm 10\%$, Sensitivity adj.
Standard Reflector	Refer Reflector Type	Refer Reflector Type
Nominal Ratings		
Supply Voltage U_e	10-30 Vdc	10-30 Vdc
Frequency of Operating cycle f	250Hz	250Hz
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-12	DC-12
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	Plastic ABS	Plastic ABS
Size	50x42x19mm	50x42x19mm
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
Reflector Type	R80-PP	R25-PP (0.1-0.8 mtrs) R55-PP (0.1-1.2 mtrs)