



General Specifications

Light Source	Infrared LED (880nm)
Unit Protection	Overload, short circuit, reverse polarity, false pulse
Supply voltage	24V DC, 120V AC, 220V AC—see Product Selection tables
Current Consumption	See Product Selection tables
Output Type	NPN and PNP (DC models) SPDT Relay (AC/DC models)
Output Mode	Light/Dark operate selectable
Output Rating	250mA @ 40V DC (NPN and PNP models) 2A @ 132V AC (SPDT relay models) 1A @ 264V AC (SPDT relay models)
Response Time	2ms (NPN and PNP models) 15ms (SPDT Relay models)
Housing Material	Valox®
Lens Material	Acrylic
LED Indicators	Power, output, margin
Connection Types	2m 300V cable, 4-pin DC micro QD, 5-pin DC mini QD
Supplied Accessories	#129-130 mounting kit
Optional Accessories	Mounting brackets, reflectors, cordsets
Operating Environment	NEMA 3, 4X, 6P, 12, 13 (IP67) 1200psi washdown
Vibration	10-55Hz, 1mm amplitude, Meets or exceeds IEC 60947-5-2
Shock	30g with 1ms pulse duration, Meets or exceeds IEC 60947-5-2
Operating Temperature	-34°C to +70°C (-29°F to +158°F)
Relative Humidity	5...95%
Approvals	UL listed, CSA approved, and CE marked for all applicable directives

Product Selection

Operating Voltage Supply Current	Sensing Distance	Output Energized	Output Type Capacity Response Time	Max Leakage Current	Connection Type	Catalog Number
70-264V AC/DC 50/60Hz 15mA	50.8mm (2in) to 4.6m (15ft)	Light/Dark Selectable	SPDT EM Relay 2A/132V AC 1A/264V AC 1A/150V DC 15ms	—	2m 300V cable	42GRP-9072
					3m 300V cable	42GRP-9072-3
					5-pin mini QD	42GRP-9072-QD
10-40V DC 30mA			NPN/PNP 250mA 2ms	10µA	2m 300V cable	42GRP-9070
					4-pin DC micro QD	42GRP-9070-QD

