

# SQ

## Cubic Photoelectric Sensor



### Key Features

- Compact cubic universal sensor (50x50mm)
- High performance and versatility
- Cable output or revolving M12 connector
- NPN/PNP outputs for VDC models
- SPDT relay output for multi-voltage DC/AC models
- Totally protected against electrical damage
- Diffuse: 1m & 2m
- Background suppression: 500mm
- Polarised: 6m
- Through-beam: 20m
- Two multi-function status LEDs
- IP67 protection rating



### SQ Series Selection

	Type	Source	Distance	Output	Operating Voltage	Exit
SQD/B01-C	Diffuse	Infrared	1m	PNP/NPN - NO+NC	10-30VDC	Pre-cabled
SQD/B01-P	Diffuse	Infrared	1m	PNP/NPN - NO+NC	10-30VDC	M12 plug
SQD/C01-C	Diffuse	Infrared	1m	Relay SPDT	12-240 VDC / 24-240 VAC, 50-60Hz	Pre-cabled
SQD/B02-C	Diffuse	Infrared	2m	PNP/NPN - NO+NC	10-30VDC	Pre-cabled
SQD/B02-P	Diffuse	Infrared	2m	PNP/NPN - NO+NC	10-30VDC	M12 plug
SQD/C02-C	Diffuse	Infrared	2m	Relay SPDT	12-240 VDC / 24-240 VAC, 50-60Hz	Pre-cabled
SQG/B00.5-C	Diffuse - BGS	Infrared	120/500mm	PNP/NPN - NO+NC	10-30VDC	Pre-cabled
SQG/B00.5-P	Diffuse - BGS	Infrared	120/500mm	PNP/NPN - NO+NC	10-30VDC	M12 plug
SQP/B06-C	Polarized Retro-Reflective	Infrared	6m	PNP/NPN - NO+NC	10-30VDC	Pre-cabled
SQP/B06-P	Polarized Retro-Reflective	Infrared	6m	PNP/NPN - NO+NC	10-30VDC	M12 plug
SQP/C06-C	Polarized Retro-Reflective	Infrared	6m	Relay SPDT	12-240 VDC / 24-240 VAC, 50-60Hz	Pre-cabled
SQE/0D20-C	Through-Beam Emitter	Infrared	20m	-	10-30VDC	Pre-cabled
SQE/0D20-P	Through-Beam Emitter	Infrared	20m	-	10-30VDC	M12 plug
SQE/0A20-C	Through-Beam Emitter	Infrared	20m	-	12-240 VDC / 24-240 VAC, 50-60Hz	Pre-cabled
SQR/B020-C	Through-Beam Receiver	Infrared	20m	PNP/NPN - NO+NC	10-30VDC	Pre-cabled
SQR/B020-P	Through-Beam Receiver	Infrared	20m	PNP/NPN - NO+NC	10-30VDC	M12 plug
SQR/C020-C	Through-Beam Receiver	Infrared	20m	Relay SPDT	12-240 VDC / 24-240 VAC, 50-60Hz	Pre-cabled