

Photoelectric Sensors

18 mm Plastic Threaded Barrel Sensors — S18 Series



- Features:**
- ▶ Epoxy-Encapsulated Plastic 18 mm Threaded Barrel
 - ▶ Designed for Sensing without Adjustments
 - ▶ Advanced Self-Diagnostics with Separate Alarm Output
 - ▶ Dual-LED Multi-Function Indicators
 - ▶ 10-30 VDC Supply Voltage
 - ▶ 2 m Integral Cable Models Listed (QD Models Available)
 - ▶ Accessories Available: Cordsets, Brackets and Reflectors

Stock No.	Mfr.'s Type	Sensing Mode/LED	Range	Output Type	EACH
70167926	S186E	Emitter Infrared	—	—	26.99
70167927	S18N6R	Receiver Infrared	20 m	NPN	36.95
70167928	S18SP6R	Receiver Infrared	20 m	PNP	36.95
70167457	S18N6L	Retro Infrared	2 m	NPN	40.95
70167458	S18SP6L	Retro Infrared	2 m	PNP	40.95
70167929	S18N6LP	Polar Retro Visible Red	2 m	NPN	74.95
70167930	S18SP6LP	Polar Retro Visible Red	2 m	PNP	74.95
70167459	S18N6FF25	Fixed-Field Infrared	25 mm Cutoff	NPN	84.95
70167460	S18SP6FF25	Fixed-Field Infrared	25 mm Cutoff	PNP	84.95
70167303	S18N6FF50	Fixed-Field Infrared	50 mm Cutoff	NPN	84.95
70167461	S18SP6FF50	Fixed-Field Infrared	50 mm Cutoff	PNP	84.95
70167931	S18N6FF100	Fixed-Field Infrared	100 mm Cutoff	NPN	84.95
70167932	S18SP6FF100	Fixed-Field Infrared	100 mm Cutoff	PNP	84.95
70167933	S18N6D	Diffuse Infrared	100 mm	NPN	40.95
70167934	S18SP6D	Diffuse Infrared	100 mm	PNP	40.95
70167462	S18N6DL	Diffuse Infrared	300 mm	NPN	42.95
70167463	S18SP6DL	Diffuse Infrared	300 mm	PNP	42.95

18 mm Plastic Threaded Right-Angle Sensors — T18 Series



- Features:**
- ▶ T-Style Plastic Housing with 18 mm Threaded Lens Mount
 - ▶ Epoxy-Encapsulated to Provide Superior Durability
 - ▶ Designed for Sensing without Adjustments (Except Diffuse and Retro)
 - ▶ Advanced Self-Diagnostics with Separate Alarm Output
 - ▶ Dual-LED Multi-Function Indicators
 - ▶ 10-30 VDC Supply Voltage
 - ▶ QD Models Listed (2 m Integral Cable Models Available)
 - ▶ Accessories Available: Cordsets, Brackets and Reflectors
 - ▶ 4-Pin Euro QD

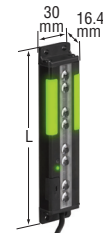
Stock No.	Mfr.'s Type	Sensing Mode/LED	Range	Output Type	EACH
70167960	T18N6FF100Q	Fixed-Field Infrared	0-100 mm	NPN	87.95
70167961	T18SP6FF100Q	Fixed-Field Infrared	0-100 mm	PNP	87.95
70168245	T18N6FF50Q	Fixed-Field Infrared	0-50 mm	NPN	87.95
70167247	T18SP6FF50	Fixed-Field Infrared	0-50 mm	PNP	87.95
70167958	T18N6LPQ	Polar Retro Visible Red	2 m	NPN	76.95
70167959	T18SP6LPQ	Polar Retro Visible Red	2 m	PNP	76.95
70167962	T18N6DQ	Diffuse Infrared	500 mm	NPN	60.95
70167963	T18SP6DQ	Diffuse Infrared	500 mm	PNP	60.95
70167955	T186EQ	Emitter Infrared	20 m	NPN/PNP	35.95
70167956	T18N6RQ	Receiver Infrared	20 m	NPN	51.95
70167957	T18SP6RQ	Receiver Infrared	20 m	PNP	51.95
70168353	T18N6LQ	Retro Infrared	2 m	NPN	60.95
70167370	T18SP6LQ	Retro Infrared	2 m	PNP	60.95

Adjustable-Field Sensors — Q60 Series

- Features:**
- ▶ Advanced Adjustable-Field Sensing Technology Effectively Ignores Objects Beyond Setpoint
 - ▶ Powerful Infrared and Visible LED or Laser (Class 1 and Class 2) Light Sources
 - ▶ Push-Button Configuration of Light/Dark Operate and Timing
 - ▶ Models with DC or AC/DC Universal Voltage Operation
 - ▶ 2 m Integral Cable Models Listed (Euro-Style QD for DC Models and Micro-Style QD for AC/DC Models Available)
 - ▶ Accessories Available: Cordsets and Brackets

Stock No.	Mfr.'s Type	Sensing Mode/LED	Range (mm)		Output Type	Voltage	EACH
			Min.	Cutoff			
70167829	Q60BB6AFV1000	Adjustable-Field Visible Red	65-130	200-1000	Bipolar NPN/PNP	10-30 VDC	162.95
70167830	Q60BB6AF2000	Adjustable-Field Infrared	50-125	200-2000	Bipolar NPN/PNP	10-30 VDC	162.95
70167831	Q60BB6LAF2000	Class 2 Laser Adjustable-Field Visible Red	75-240	200-2000	Bipolar NPN/PNP	10-30 VDC	320.95
70167832	Q60BB6LAF1400	Class 1 Laser Adjustable-Field Visible Red	100-260	200-1400	Bipolar NPN/PNP	10-30 VDC	287.95
70167470	Q60VR3AFV1000	Adjustable-Field Visible Red	65-130	200-1000	SPDT e/m Relay	12-250 VDC or 24-250 VAC	178.95
70167315	Q60VR3AF2000	Adjustable-Field Infrared	50-125	200-2000	SPDT e/m Relay	12-250 VDC or 24-250 VAC	178.95
70167471	Q60VR3LAF1400	Class 1 Laser, Visible Red	100-260	200-1400	SPDT e/m Relay	12-250 VDC or 24-250 VAC	305.95
70167472	Q60VR3LAF2000	Class 2 Laser Adjustable-Field Visible Red	75-240	200-2000	SPDT e/m Relay	12-250 VDC or 24-250 VAC	338.95

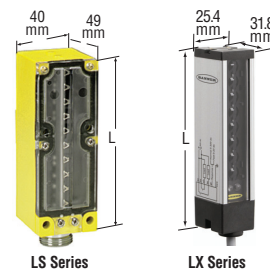
One-Piece Part Verification Sensors — PVD Series



- Features:**
- ▶ 100 or 225 mm to Fit Existing Bin Sizes and Configurations
 - ▶ Bright Solid or Blinking Job Light
 - ▶ Automatic Operation in Diffuse or Retroreflective Mode
 - ▶ One-Piece Self-Contained Sensor with No Controller
 - ▶ 12-30 VDC Supply Voltage
 - ▶ Accessories Available: Cordsets and Brackets

Stock No.	Mfr.'s Type	Description	Range	Length (mm)	Connection	EACH
70167527	PVD100	Visible Red	100 (4-Beams)	137.8	2 m Cable	246.95
70167528	PVD100Q	Visible Red	100 (4-Beams)	137.8	5-pin Euro Pigtail QD	257.95
70167529	PVD225	Visible Red	225 (8-Beams)	266.4	2 m Cable	357.95
70167530	PVD225Q	Visible Red	225 (8-Beams)	266.4	5-pin Euro Pigtail QD	368.95

Part Sensing Light Screens — LS/LX Series



- Features:**
- ▶ Response Times as Fast as 0.8 Milliseconds
 - ▶ Crosshatch Pattern and Infrared Beams for Detecting Extremely Small Objects
 - ▶ DC Supply Voltage with Bipolar NPN/PNP Output
 - ▶ 2 m Cable (QD Models Available)
 - ▶ Accessories Available: Cordsets and Brackets

Short-Range — LS/LX Series

Stock No.	Mfr.'s Type	Description	Length (mm)	Sensing Length (mm)	Range	EACH
70167664	LS10ESR	Emitter	116.0	90	100-200 mm	229.95
70167665	LS10RSR	Receiver	116.0	90	100-200 mm	336.95
70167531	LX3ESR	Emitter	113.4	67	100-200 mm	190.95
70167532	LX3RSR	Receiver	113.4	67	100-200 mm	233.95
70167533	LX6ESR	Emitter	189.6	143	100-200 mm	214.95
70167534	LX6RSR	Receiver	189.6	143	100-200 mm	296.95
70167535	LX12ESR	Emitter	342.0	295	100-200 mm	285.95
70167536	LX12RSR	Receiver	342.0	295	100-200 mm	466.95

Standard-Range Light Screens — LS/LX Series

Stock No.	Mfr.'s Type	Description	Length (mm)	Sensing Length (mm)	Range	EACH
70167705	LS4EL	Emitter	116.0	90	460-2290 mm	123.95
70167706	LS4RL	Receiver	116.0	90	460-2290 mm	181.95
70167235	LS10E	Emitter	116.0	90	100-1220 mm	229.95
70167704	LS10R	Receiver	116.0	90	100-1220 mm	336.95
70167537	LX3E	Emitter	113.4	67	300-2000 mm	190.95
70167538	LX3R	Receiver	113.4	67	300-2000 mm	233.95
70167539	LX6E	Emitter	189.6	143	300-2000 mm	214.95
70167540	LX6R	Receiver	189.6	143	300-2000 mm	296.95
70167541	LX12E	Emitter	342.0	295	300-2000 mm	285.95
70167542	LX12R	Receiver	342.0	295	300-2000 mm	466.95

