

S30 Series

Plastic Barrel-Mount Sensors



- Long-range opposed mode
- Features 30 mm plastic threaded barrel
- Available in 10-30 V dc or 20-250 V ac
- Ideal for use in harsh sensing environments
- Cordsets and brackets see page 138

Opposed S30, 10-30 V DC

Infrared LED

Sensing Mode	Range	Connection	Models NPN	Models PNP
 OPPOSED	60 m	2 m	S306E Emitter	
		4-Pin Euro QD	S306EQ Emitter	
		2 m	S30SN6R	S30SP6R
		4-Pin Euro QD	S30SN6RQ	S30SP6RQ

Polar Retro S30, 10-30 V DC

Visible Red LED

Sensing Mode	Range	Connection	Models NPN	Models PNP
 POLAR RETRO	6 m [†]	2 m	S30SN6LP	S30SP6LP
		4-Pin Euro QD	S30SN6LPQ	S30SP6LPQ

Fixed-Field S30, 10-30 V DC

Infrared LED

Sensing Mode	Range	Connection	Models NPN	Models PNP
 FIXED-FIELD	0 - 200 mm Cutoff	2 m	S30SN6FF200	S30SP6FF200
		4-Pin Euro QD	S30SN6FF200Q	S30SP6FF200Q
 FIXED-FIELD	0 - 400 mm Cutoff	2 m	S30SN6FF400	S30SP6FF400
		4-Pin Euro QD	S30SN6FF400Q	S30SP6FF400Q
 FIXED-FIELD	0 - 600 mm Cutoff	2 m	S30SN6FF600	S30SP6FF600
		4-Pin Euro QD	S30SN6FF600Q	S30SP6FF600Q

For more specifications see page 138.

Connection options: A model with a QD requires a mating cordset (see page 138).

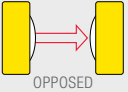
For 9 m cable, add suffix W/30 to the 2 m model number (example, S30SP6LP W/30).

[†] Retroreflective range is specified using one model BRT-3 retroreflector.

Actual sensing range may differ, depending on the efficiency and reflective area of the retroreflector used. See Accessories for more information.


Opposed S30, 20-250 V AC

 Infrared LED

Sensing Mode	Range	Connection	Models Light Operate	Models Dark Operate
	60 m	2 m	S303E Emitter	
		4-Pin Micro QD	S303EQ1 Emitter	
		2 m	S30AW3R	S30RW3R
		4-Pin Micro QD	S30AW3RQ1	S30RW3RQ1

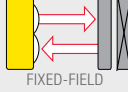
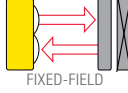
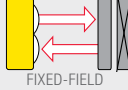
Polar Retro S30, 20-250 V AC

 Visible Red LED

Sensing Mode	Range	Connection	Models Light Operate	Models Dark Operate
	6 m [†]	2 m	S30AW3LP	S30RW3LP
		4-Pin Micro QD	S30AW3LPQ1	S30RW3LPQ1

Fixed-Field S30, 20-250 V AC

 Infrared LED

Sensing Mode	Range	Connection	Models Light Operate	Models Dark Operate
	0 - 200 mm Cutoff	2 m	S30AW3FF200	S30RW3FF200
		4-Pin Micro QD	S30AW3FF200Q1	S30RW3FF200Q1
	0 - 400 mm Cutoff	2 m	S30AW3FF400	S30RW3FF400
		4-Pin Micro QD	S30AW3FF400Q1	S30RW3FF400Q1
	0 - 600 mm Cutoff	2 m	S30AW3FF600	S30RW3FF600
		4-Pin Micro QD	S30AW3FF600Q1	S30RW3FF600Q1

For more specifications see page 139.

 Connection options: A model with a QD requires a mating cordset (see page 138).

For 9 m cable, add suffix W/30 to the 2 m model number (example, S30SP6LP W/30).

[†] Retroreflective range is specified using one model BRT-3 retroreflector.
Actual sensing range may differ, depending on the efficiency and reflective area of the retroreflector used. See Accessories for more information.