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Sensors

Product	Max Range	Mode	Output	Connection	Models
 QS18 Photoelectric Sensor	20 m	Emitter	—	4-pin M12 integral QD	QS186EQ8
	20 m	Receiver	Complementary PNP	4-pin M12 integral QD	QS18VP6RQ8
	3 m	Clear object retro	Complementary PNP	4-pin M12 integral QD	QS18EP6XLPCQ8
	450 mm	Diffuse	Complementary PNP	4-pin M12 integral QD	QS18VP6DQ8
	50 mm	Fixed-field background suppression	Complementary PNP	4-pin M12 integral QD	QS18VP6FF50Q8
	100 mm	Fixed-field background suppression	Complementary PNP	4-pin M12 integral QD	QS18VP6FF100Q8
	150 mm	Fixed-field background suppression	Complementary PNP	4-pin M12 integral QD	QS18VP6FF150Q8
	300 mm	Adjustable field background suppression	Complementary PNP	6 in. pigtail 4-pin M12 QD	QS18VP6AF300Q5
	250 mm	Laser adjustable field	Complementary PNP	6 in. pigtail 4-pin M12 QD	QS18VP6LAF250Q5
	10 m	Laser polarized retro	Complementary PNP	4-pin M12 integral QD	QS18VP6LLPQ8
	3.5 m	Polarized retro	Complementary PNP	6 in. pigtail 4-pin M12 QD	QS18VP6LPQ5
	3.5 m	Polarized retro	Complementary PNP	4-pin M12 integral QD	QS18VP6LPQ8
 Q20-2 Compact Sensor	5 m	Polarized retro	Complementary PNP	150 mm (6 in) 4-pin M12 pigtail QD	Q20-2VPLP-Q5
	2 m	IR laser adjustable field	1 PNP with IO-Link, 1 PNP	150 mm (6 in) 4-pin M12 pigtail QD	Q20-2KLAF2-Q5
	3 m	IR laser adjustable field	1 PNP with IO-Link, 1 PNP	150 mm (6 in) 4-pin M12 pigtail QD	Q20-2KLAF3-Q5
 Q2X Miniature Sensor	3 m	Emitter	—	6 in. pigtail 4-pin M12 QD	Q2XNAE-Q5
	3 m	Receiver	Dark operate bipolar: 1 NPN, 1 PNP	6 in. pigtail 4-pin M12 QD	Q2XRBR-Q5
	3.3 m	Polarized retro	Dark operate bipolar: 1 NPN, 1 PNP	6 in. pigtail 4-pin M12 QD	Q2XRBLPF-Q5
	30 mm	Fixed-field background suppression	Light operate bipolar: 1 NPN, 1 PNP	6 in. pigtail 4-pin M12 QD	Q2XABFF30-Q5
	30 mm	Fixed-field background suppression	Light operate bipolar: 1 NPN, 1 PNP	6 in. pigtail 4-pin M8 QD	Q2XABFF30-Q
	150 mm	Adjustable field background suppression	Light operate bipolar: 1 NPN, 1 PNP	6 in. pigtail 4-pin M12 QD	Q2XABAF150-Q5
	100 mm	Laser adjustable field	Light operate bipolar: 1 NPN, 1 PNP	6 in. pigtail 4-pin M12 QD	Q2XABLAF100-Q5
	2 m	IR laser adjustable field	1 PNP with IO-Link, 1 PNP	6 in. pigtail 4-pin M12 QD	Q2XKLAF2IR-Q5
	3 m	IR laser adjustable field	1 PNP with IO-Link, 1 PNP	6 in. pigtail 4-pin M12 QD	Q2XKLAF3IR-Q5

Photoelectrics

Sensors

Product	Max Range	Mode	Output	Connection	Models
 T18-2 IP69K Washdown Photoelectric Sensor	25 m	Emitter	—	4-pin M12 integral QD	T18-2NAEL-Q8
	25 m	IR Emitter	—	4-pin M12 integral QD	T18-2NAELIR-Q8
	25 m	Receiver	Complementary PNP	4-pin M12 integral QD	T18-2VPRL-Q8
	750 mm	Diffuse	Complementary PNP	4-pin M12 integral QD	T18-2VPDLIR-Q8
	750 mm	Diffuse	Complementary PNP	4-pin M12 integral QD	T18-2VPDL-Q8
	50 mm	Fixed field background suppression	Complementary PNP	4-pin M12 integral QD	T18-2VPPF50IR-Q8
	100 mm	Fixed field background suppression	Complementary PNP	4-pin M12 integral QD	T18-2VPPF100IR-Q8
	6 m	Polarized retro	Complementary PNP	4-pin M12 integral QD	T18-2VPLP-Q8
 QS30 High-Power Photoelectric Sensor	213 m	High-Powered Emitter	—	5-pin M12 integral QD	QS30EXQ
	213 m	High-Powered Receiver	Dark operate bipolar: 1 NPN, 1 PNP	5-pin M12 integral QD	QS30RRXQ
	213 m	High-Powered Receiver	Light operate bipolar: 1 NPN; 1 PN	5-pin M12 integral QD	QS30ARXQ
	200 mm	Fixed field background suppression	Bipolar: 1 NPN, 1 PNP	5-pin M12 integral QD	QS30FF200Q
	400 mm	Fixed field background suppression	Bipolar: 1 NPN, 1 PNP	5-pin M12 integral QD	QS30FF400Q
	600 mm	Fixed field background suppression	Bipolar: 1 NPN, 1 PNP	5-pin M12 integral QD	QS30FF600Q
	800 mm	Laser diffuse	Bipolar: 1 NPN, 1 PNP	5-pin M12 integral QD	QS30LDLQ
	400 mm	Laser diffuse	Bipolar: 1 NPN, 1 PNP	5-pin M12 integral QD	QS30LDQ
	18 m	Laser polarized retro	Bipolar: 1 NPN, 1 PNP	5-pin M12 integral QD	QS30LLPQ
8 m	Polarized retro	Bipolar: 1 NPN, 1 PNP	5-pin M12 integral QD	QS30LPQ	
 S18 Barrel-Mount Sensor	100 mm	Fixed field background suppression	Complementary PNP	4-pin M12 integral QD	S18SP6FF100Q

Photoelectrics

Sensors

	Product	Max Range	Mode	Output	Connection	Models
	B25 Wide Beam Sensor	2 m	Polarized retro	Push/pull with IO-Link, PNP	6 in. pigtail 4-pin M12 QD	B25-K6LP-Q5
	LX Small Object Detection Sensor	2 m	Emitter	—	6 in. pigtail 4-pin M12 QD	LX3EQ
		2 m	Receiver	Bipolar: 1 NPN, 1 PNP	6 in. pigtail 4-pin M12 QD	LX3RQ
	EZ-Array Measuring Light Curtain	4 m	Emitter	—	8-pin M12 integral QD	EA5E600Q
		4 m	Receiver	Analog: 2 4–20 mA Modbus RS-485 Solid-State: 2 PNP	8-pin M12 integral QD	EA5R600PIXMODQ
	EG24 Precision Edge Sensor	40 mm	Retro	Analog: 4-20 mA	4-pin M8 integral QD	EG24-ILVA-Q7
	Product	Max Range	Repeatability	Output	Connection	Models
	Q4X Rugged Laser Distance Sensor	300 mm	± 0.5 to 3 mm	Dual discrete with IO-Link	4-pin M12 integral QD	Q4XTKLAF300-Q8
		500 mm	± 0.5 to 6 mm	Dual discrete with IO-Link	4-pin M12 integral QD	Q4XTKLAF500-Q8
		600 mm	± 0.5 to 6 mm	Dual discrete with IO-Link	4-pin M12 integral QD	Q4XTKLAF600-Q8
	Q5X Multi-Function Laser Sensor	2 m	± 0.5 to 10 mm	Dual discrete with IO-Link	4-pin M12 rotatable QD	Q5XKLAF2000-Q8
	LE Laser Precision, Mid-Range Laser Measurement Sensor	1 m	± 0.25 to 1 mm	Analog: 4–20 mA Discrete: NPN/PNP	5-pin M12 integral QD	LE550IQ
		1 m	± 0.25 to 1 mm	Push/pull with IO-Link, PNP	5-pin M12 integral QD	LE550KQ
	LM Precision Measurement Sensor	150 mm	± 0.002 mm	Analog: 4–20 mA Discrete: Push/pull with IO-Link	12 in. pigtail 4-pin M12 QD	LM150KIQP
	LTF Long Range Time of Flight Sensor	12 m	± 0.3 to 2.5 mm	Dual discrete with IO-Link	4-pin M12 integral QD	LTF12KC2LDQ
		12 m	± 0.3 to 2.5 mm	Analog: 4–20 mA Discrete: NPN/PNP	4-pin M12 integral QD	LTF12IC2LDQ
		24 m	± 0.5 to 3.5 mm	Dual discrete with IO-Link	4-pin M12 integral QD	LTF24KC2LDQ

Arrays and Wide Beam

Laser Distance Measurement

Sensors



Product	Max Range	Mode	Output	Connection	Models
DF-G Fiber Optic Amplifier	Depends on fiber	General purpose	1 PNP	6 in. pigtail 4-pin M12 QD	DF-G1-PS-Q5
	Depends on fiber	High speed	1 PNP	6 in. pigtail 4-pin M12 QD	DF-G2-PS-Q5
	Depends on fiber	Long range	1 PNP	6 in. pigtail 4-pin M12 QD	DF-G3-PS-Q5

Fiber Optic Amplifiers



Product	Max Range	Beam Pattern	Output	Connection	Models
K50R Cost-Efficient Radar Sensor	5 m	40° x 30°	Dual discrete	5-pin M12 integral QD	K50RF-4030-LDQ



T30R Barrel-Mount Radar Sensor	15 m	15° x 15°	Dual discrete with IO-Link	5-pin M12 integral QD	T30R-1515-KDQ
	15 m	15° x 15°	Analog: 4–20 mA, 1 NPN/PNP with IO-Link	5-pin M12 integral QD	T30R-1515-KIQ







Q90R High Power Radar Sensor	20 m	40° x 40°	Dual discrete with IO-Link	5-pin M12 integral QD	Q90R-4040-6KDQ
	20 m	40° x 40°	Analog: 4–20 mA, 1 NPN/PNP with IO-Link	5-pin M12 integral QD	Q90R-4040-6KIQ

Radars



Q90R2 Multidimensional Radar Sensor	20 m	120° x 40° (configurable)	Dual discrete with IO-Link	5-pin M12 integral QD	Q90R2-12040-6KDQ
	20 m	120° x 40° (configurable)	Analog: 4–20 mA, 1 NPN/PNP with IO-Link	5-pin M12 integral QD	Q90R2-12040-6KIQ

Sensors

Product	Max Range	Repeatability	Output	Connection	Models	
 S18U Barrel Ultrasonic Sensor	300 m	± 0.05 mm	Bipolar: 1 PNP, 1 NPN	5-pin M12 integral QD	S18UBARQ	
 T30UX Ultrasonic Sensor	1 m	0.1% of distance 0.5 mm minimum	Analog: 4–20 mA	4-pin M12 integral QD	T30UXIAQ8	
Description	Max Range	Field of View	Resolution	Output	Connection	Models
 K50Z Multipoint Sensor	2 m	45° x 45°	8 x 8	Dual discrete with IO-Link	5-pin M12 integral QD	K50Z-FA2000KD-Q8
 ZMX 3D Measurement Sensor	2.5 m	60° x 45°	272 x 208	2 Selectable: NPN/PNP, Ethernet/IP, Modbus TCP	5-pin M12 integral QD	ZMX-3DE2500HF-Q8
Description	Configuration Method	Resolution	Output	Connection	Models	
 iVu Vision Sensor	Local touchscreen	752 x 480	3 Selectable: NPN/PNP, Ethernet/IP, Modbus TCP, Profinet, PCCC, RS-232	12-pin M12 integral QD	IVU2PTGR12	
 VE Smart Camera	PC software	1280 x 1024	3 Selectable: NPN/PNP, Ethernet/IP, Modbus TCP, Profinet, PCCC, FTP, RS-232	12-pin M12 integral QD	VE201G1A	
Product	Input	Output	Connection	Models		
 SPS30 AC/DC In-Line Power Converter	90-240 V PNP on pin 5	24 V	200 mm pigtail 5-pin M12 QD	SPS30PAR5PQ5		
Description	Models					
 Square retro target, 51 x 51 mm, reflectivity factor of 1.0	BRT-2X2					
 Circular retro target, 81 mm diameter, reflectivity factor of 1.0	BRT-3					
 Square microprism retro target, 51 x 51 mm, reflectivity factor of 1.5, for use with laser polarized retros and the B25 wide beam sensor	BRT-51X51BM					






Ultrasonics

3D Time of Flight






Vision

Accessories










Lighting and Indication

Product	Dimension	Color	Voltage	Environmental Rating	Connection	Models
 WLB32 LED Workstation Light	285 mm	White	12-30 V DC	IP50	4-pin M12 integral QD	WLB32C285PBQ
	570 mm	White	12-30 V DC	IP50	4-pin M12 integral QD	WLB32C570PBQ
	850 mm	White	12-30 V DC	IP50	4-pin M12 integral QD	WLB32C850PBQ
	1130 mm	White	12-30 V DC	IP50	4-pin M12 integral QD	WLB32C1130PBQ
 WLB72 LED Industrial Light Bar Cascadable Diffuse window	1200 mm	Daylight white	120-277 V AC	IP20	Conduit entry	WLB72BZCW1200DACT
 WLB92 Large Ultra-Bright LED Work Light	1100 mm	White	100-277 V AC	IP40	Integral QD	WLB92ZC1100PBQMB
	550 mm	White	100-277 V AC	IP40	Integral QD	WLB92ZC550PBQMB
 WLS15 Low Profile LED Strip Light	220 mm	White	12 or 24 V DC	IP66, IP67	Pigtail QD	WLS15CDW0220DSQP
	360 mm	White	12 or 24 V DC	IP66, IP67	Pigtail QD	WLS15CDW0360DSQP
	500 mm	White	12 or 24 V DC	IP66, IP67	Pigtail QD	WLS15CDW0500DSQP
	640 mm	White	12 or 24 V DC	IP66, IP67	Pigtail QD	WLS15CDW0640DSQP
	920 mm	White	12 or 24 V DC	IP66, IP67	Pigtail QD	WLS15CDW0920DSQP
	1200 mm	White	12 or 24 V DC	IP66, IP67	Pigtail QD	WLS15CDW1200DSQP
 WLS27 Programmable LED Strip Light	145 mm	RGB	18-30 V DC	IP66, IP67, IP69K	Integral QD	WLS27PXRGBW145DSQ
	285 mm	RGB	18-30 V DC	IP66, IP67, IP69K	Integral QD	WLS27PXRGBW285DSQ
	430 mm	RGB	18-30 V DC	IP66, IP67, IP69K	Integral QD	WLS27PXRGBW430DSQ
	570 mm	RGB	18-30 V DC	IP66, IP67, IP69K	Integral QD	WLS27PXRGBW570DSQ
	850 mm	RGB	18-30 V DC	IP66, IP67, IP69K	Integral QD	WLS27PXRGBW850DSQ
	1130 mm	RGB	18-30 V DC	IP66, IP67, IP69K	Integral QD	WLS27PXRGBW1130DSQ








Lighting and Indication

	Product	Dimension	Color	Voltage	Environmental Rating	Connection	Models
	WLS28-2 All Purpose LED Strip Light	285 mm	White	12-30 V DC	IP67, IP69K	Integral QD	WLS28-2CW285DSQ
		570 mm	White	12-30 V DC	IP67, IP69K	Integral QD	WLS28-2CW570SQ
		850 mm	White	12-30 V DC	IP67, IP69K	Integral QD	WLS28-2CW850DSQ
		1130 mm	White	12-30 V DC	IP67, IP69K	Integral QD	WLS28-2CW1130DSQ
	WLF12 Programmable Flexible Strip Light Non-cascadable	300 mm	Multicolor	12 or 12-30 V DC	IP66, IP67, IP69K	150 mm (6 in) 4-pin M12 PVC pigtail QD	WLF12PXRGB300SQP
		600 mm	Multicolor	12 or 12-30 V DC	IP66, IP67, IP69K	150 mm (6 in) 4-pin M12 PVC pigtail QD	WLF12PXRGB600SQP
		1200 mm	Multicolor	12 or 12-30 V DC	IP66, IP67, IP69K	150 mm (6 in) 4-pin M12 PVC pigtail QD	WLF12PXRGB1200SQP
		2000 mm	Multicolor	12 or 12-30 V DC	IP66, IP67, IP69K	150 mm (6 in) 4-pin M12 PVC pigtail QD	WLF12PXRGB2000SQP
	LC25 LED Controller with IO-Link® for WLF12 Strip Light	—	—	18-30 V DC	IP66, IP67, IP68	4-pin M12 integral QD	LC25C-WLF12-KQ
	LC25 LED Controller with Pro Editor for WLF12 Strip Light	—	—	18-30 V DC	IP66, IP67, IP68	4-pin M12 integral QD	LC25C-WLF12-RGB7Q
	GS60 Guide Spotlight	60 mm	Green	12-30 V DC	IP66, IP67	4-pin M12 integral QD	GS60GL4Q
		60 mm	Red	12-30 V DC	IP66, IP67	4-pin M12 integral QD	GS60RL4Q
		60 mm	Blue	12-30 V DC	IP66, IP67	4-pin M12 integral QD	GS60BL4Q
		60 mm	White	12-30 V DC	IP66, IP67	4-pin M12 integral QD	GS60WL4Q
	GS60 Programmable Guide Spotlight	60 mm	RGBW	12-30 V DC	IP66, IP67	5-pin M12 integral QD	GS60PRGBWL9Q






Lighting and Indication

	Product	Length	Color	Voltage	Environmental Rating	Connection	Models
	K50 Programmable Indicator	50 mm	Multicolor/ RGB	10-30 V DC	IP66, IP67, IP69K	5-pin M12 integral QD	K50PSLRGB7Q
	K50 Programmable Indicator with IO-Link®	50 mm	Multicolor/ RGB	18-30 V DC	IP66, IP67, IP69K	4-pin M12 integral QD	K50PSLKQ
	K50 Programmable Touch	50 mm	Multicolor/ RGB	10-30 V DC	IP66, IP67, IP69K	5-pin M12 integral QD	K50PSTGRY3Q
		50 mm	Multicolor/ RGB	10-30 V DC	IP66, IP67, IP69K	8-pin M12 integral QD	K50PSTRGB14Q
	K50 Programmable Touch with IO-Link®	50 mm	Multicolor/ RGB	18-30 V DC	IP66, IP67, IP69K	4-pin M12 integral QD	K50PSTKQ
	K30 Indicator	30 mm	Green, red, yellow	10-30 V DC	IP67	5-pin M12 integral QD	K30LGRYPQ
	K30 Programmable Indicator	30 mm	Multicolor	10-30 V DC	IP67, IP69K	5-pin M12 integral QD	K30L2RGB7Q
	K90 Programmable Indicator	90 mm	Multicolor	12-30 V DC	IP67	5-pin M12 integral QD	K90PLRGB7Q
	K100 Programmable Daylight Visible Beacon with Audible	100 mm	Multicolor	12-48 V DC	IP66, IP69K	5-pin M12 integral QD	K100PBLGYRAQ
	K100 Programmable Indicator Beacon with Audible	100 mm	Multicolor	12-48 V DC	IP66, IP69K	5-pin M12 integral QD	K100PLRGB7AQ
	S22 Programmable Panel Indicator	22 mm	Multicolor	10-30 V DC	IP66, IP67, IP69K	5-pin M12 integral QD	S22L2SRGB7Q
	CL50 Column Light	50 mm	Green, yellow, red	18-30 V DC	IP67	4-pin M12 integral QD	CL50GRYPQ
	CL50 Column Light with audible	50 mm	Green, yellow, red	18-30 V DC	IP50	5-pin M12 integral QD	CL50GRYAPQ

Lighting and Indication


	Product	Length	Color	Voltage	Environmental Rating	Connection	Models
	TL50 Tower Light 3 lighted segments	50 mm	Green, yellow, red	18-30 V DC	IP67	4-pin M12 integral QD	TL50GYRQ
	TL50 Tower Light 3 lighted segments with audible	50 mm	Green, yellow, red	18-30 V DC	IP65	5-pin M12 integral QD	TL50B-GYRAQ
	TL50 Programmable Tower Light 3 lighted segments with audible	50 mm	Green, yellow, red	12-30 V DC	IP65	5-pin M12 integral QD	TL50PS3AQ
	TL70 Tower Light 3 lighted segments with audible	70 mm	Green, yellow, red	12-30 V DC	IP65	5-pin M12 integral QD	TL70B-GYRAQ
		70 mm	Green	12-30 V DC	IP65	—	SG-TL70B-G
		70 mm	Yellow	12-30 V DC	IP65	—	SG-TL70B-Y
		70 mm	Red	12-30 V DC	IP65	—	SG-TL70B-R
		70 mm	Blue	12-30 V DC	IP65	—	SG-TL70B-B
		70 mm	White	12-30 V DC	IP65	—	SG-TL70B-W
	TL70 Audible Module Adjustable to 104 db Two-tone	70 mm	—	12-30 V DC	IP65	—	SG-TL70B-A
	TL70 Base Module Supports 1-4 modules	70 mm	—	12-30 V DC	IP65	5-pin M12 integral QD	B-TL70B-Q5


Lighting and Indication

	Product	Length	Color	Voltage	Environmental Rating	Connection	Models
	TL70 Light Module Steady on/flashing	70 mm	Green	12-30 V DC	IP65	—	SG-TL70-G
		70 mm	Yellow	12-30 V DC	IP65	—	SG-TL70-Y
		70 mm	Red	12-30 V DC	IP65	—	SG-TL70-R
	TL70 Light Module Steady on/flashing 14 Color options	70 mm	RGB	12-30 V DC	IP65	—	SG-TL70-RGB14
	TL70 Base Module Supports 1-4 modules	70 mm	—	12-30 V DC	IP65	5-pin M12 integral QD	B-TL70-Q5
	TL70 Programmable Audible Module Adjustable to 104 db Multitone	70 mm	—	18-30 V DC	IP65	—	SG-TL70P-A
	TL70 Programmable Light Module with Ethernet and Modbus 14 Color options	70 mm	RGB	18-30 V DC	IP65	—	SG-TL70P-L
	TL70 Programmable Light Module with IO-Link® 14 Color options	70 mm	RGB	18-30 V DC	IP65	—	SG-TL70P-RGB
	TL70 Programmable Base Module with Modbus Supports 1-5 modules	70 mm	—	18-30 V DC	IP65	4-pin M12 integral QD	B-TL70PM-Q
	TL70 Programmable Base Module with IO-Link® Supports 1-5 modules	70 mm	—	18-30 V DC	IP65	4-pin M12 integral QD	B-TL70PK-Q








Lighting and Indication

Description	Length	Characters	Voltage	Environmental Rating	Connection	Models
 SD50 Status Display with 15 State Discrete	300 mm	16 Static 29 Scrolling	12-30 V DC	IP65	150 mm (6 in) 5-pin M12 PVC pigtail QD	SD50P300WD15QP
	300 mm	16 Static 29 Scrolling	18-30 V DC	IP65	150 mm (6 in) 4-pin M12 PVC pigtail QD	SD50P300WKQP
	300 mm	16 Static 29 Scrolling	12-30 V DC	IP65	150 mm (6 in) 4-pin M12 PVC pigtail QD	SD50P300WSQP

Description	Models
 <p>A single Pro-Kit provides everything required to program the device using the free Pro Editor software, and is required only for setup, not daily operation.</p>	PRO-KIT

 <p>IO-Link touch controller, 5-button control box, 5 discrete outputs plus IO-Link control and monitoring</p>	LCA130T5KQ
<p>Discrete touch controller, 5-button control box, 5 discrete outputs</p>	LCA130T5Q













Safety

	Product	ISD	Voltage	Input	Output	Models
	SC10 Safety Controller with built in safe output relays	✓	24 V DC	10	2x 3 NO 6 A each	SC10-2ROE
	SC26 Safety Controller non-expandable		24 V DC	26 8 convertible	Up to 11 PNP	SC26-2
	XS26 Expandable Safety Controller with display and Ethernet		24 V DC	26 8 convertible	2 Dual channel PNP	XS26-2DE
		✓	24 V DC	26 8 convertible	2 Dual channel PNP	XS26-ISDd
	Safety Controller Expansion Module with safe solid state inputs		—	16 4 convertible	Up to 4 PNP	XS16SI
	Safety Controller Expansion Module with dual relay output module used with XS26-2		—	—	4 NO, 6 A Aux outputs: 2 NC	XS2RO
	Safety Controller Expansion Module with safe solid state outputs		—	—	4 Dual channel PNP	XS4SO
	Relay Module for Safety Light Curtain/Control with EDM		24 V DC	1 Dual/single	3 NO, 6 A Aux output: none	SR-IM-9A
			24 V DC	1 Dual/single	2 NO, 6 A Aux output: 1 NC, 6 A	SR-IM-11A


Safety




Product	Defined Area	14 mm Emitters	14 mm Receivers	30 mm Emitters	30 mm Receivers
S4B Type 4 Safety Light Curtain with 12 m range and 14 or 30 mm resolution	300 mm	S4BE14-300-S	S4BR14-300-S	S4BE30-300-S	S4BR30-300-S
	450 mm	S4BE14-450-S	S4BR14-450-S	S4BE30-450-S	S4BR30-450-S
	600 mm	S4BE14-600-S	S4BR14-600-S	S4BE30-600-S	S4BR30-600-S
	750 mm	S4BE14-750-S	S4BR14-750-S	S4BE30-750-S	S4BR30-750-S
	900 mm	S4BE14-900-S	S4BR14-900-S	S4BE30-900-S	S4BR30-900-S
	1050 mm	S4BE14-1050-S	S4BR14-1050-S	S4BE30-1050-S	S4BR30-1050-S
	1200 mm	S4BE14-1200-S	S4BR14-1200-S	S4BE30-1200-S	S4BR30-1200-S
	1350 mm			S4BE30-1350-S	S4BR30-1350-S
	1500 mm			S4BE30-1500-S	S4BR30-1500-S
	1650 mm			S4BE30-1650-S	S4BR30-1650-S
	1800 mm			S4BE30-1800-S	S4BR30-1800-S


Description	Models
 S4B Double ended cordset, 0.4 m (1.31 ft), custom female to 5-pin straight male	DES4-M51-D
 S4B Double ended cordset, 0.4 m (1.31 ft), custom female to 8-pin straight male	DES4-M81-D
 S4B Cascade double ended cordset, 0.4 m (1.31 ft), 400 mm 5-pin M12 straight male branch with black jacket, 350 mm 5-pin M12 straight female branch with yellow jacket	DES4-M51-F51-D
 S4B Cascade double ended cordset, 0.4 m (1.31 ft), 400 mm 8-pin M12 straight male branch with black jacket, 350 mm 5-pin M12 straight female branch with yellow jacket	DES4-M81-F51-D
 S4B Cascade double ended terminator cordset, 0.4 m (1.31 ft), custom female to 5-pin straight male with yellow jacket	DES4-M51-RTP
 S4B Cascade cable kit for 2 S4B pairs, 5-pin to machine interface	S4BA-CASCADE-2
 S4B Cascade cable kit for 2 S4B pairs, 8-pin to machine interface	S4BA-CASCADE-2-M12M8
 S4B End mount bracket, includes 2 brackets, +/-15 degrees rotation	S4BA-MBK-11
 S4B Side mount bracket, includes 2 brackets, +/-15 degrees rotation	S4BA-MBK-16
 S4B Mute arm kit, T configuration, double sided left and right Includes: One extended sensor arm with 4 Q20-2 sensors Installed on the arm, one extended reflector arm with four reflectors installed on the arm	S4BA-MT-LPQ20
 S4B Laser alignment tool	LAT-1-S4B
 S4B Muting junction box	R95-6M125-M128-S4BM


Safety

Product	Protective Field Range	Safety Zone Sets	Scanning Angle	Outputs	Models
 SX5 Safety Laser Scanner	0.05 m to 5.5 m	6	275° max	1 OSSD pair	SX5-B6

Description	Models
 SX5 M12 single ended cordset, 5 m (15 ft), 8-pin straight female, non-shielded	SXA-815D
 SX5 Pitch and roll adjustment bracket	SXA-MBK-1









Product	Attachment	Max Rope Length	Contacts	Actuation	Models
 Rope Pull with Emergency Stop	Ring	75 m	2 NO, 2 NC	Latch	RP-RM83F-75LR
	Turnbuckle	75 m	2 NO, 2 NC	Latch	RP-RM83F-75LT

Product	Voltage	Outputs	Max. Output Response Time	Models
 STB Self-Checking Touch Button with yellow F.C. and black polyetherimide housing	10-30 V DC	Complementary PNP	20 ms	STBVP6Q5
	20-30 V AC or DC	Complementary relays: 1NC, 1 NO	20 ms	STBVR81Q6












Product	Contact Configuration	Locking Function	ISD Connect Compatible	Connection	Models
 SI-GL42 Customizable Safety Locking Switch	Actuator: 1 NO, Monitor: 2 NC	Solenoid locking	✓	5-pin M12 bottom, 5-pin M12 side	SI-GL42DM01-20Q13
	Actuator: 2 NC, Monitor: 2 NC	Solenoid locking		none	SI-GL42DM20-20
	Actuator: 2 NC/1 NO, Monitor: 1 NC	Solenoid locking		none	SI-GL42DM21-10
	Actuator: 1 NO, Monitor: 2 NC	Spring locking	✓	5-pin M12 bottom, 5-pin M12 side	SI-GL42DS01-20Q13
	Actuator: 2 NC, Monitor: 2 NC	Spring locking		none	SI-GL42DS20-20
	Actuator: 2 NC/1 NO, Monitor: 1 NC	Spring locking		none	SI-GL42DS21-10

Description	Models
 SI-GL42 Flex mount actuator	SI-QM-SMFA-2














Safety

Product	Coding Level	Diagnostics	Reset	Dimensions	Connection	Models
 SI-RF Safety Actuator	—	—	—	15 x 26 x 36 mm	—	SI-RF-A
 SI-RF Safety Switch used with SI-RF-A	Low	ISD	Automatic	15 x 26 x 36 mm	250 mm 8-pin M12 pigtail QD	SI-RFDT-LP8
	High	ISD	Automatic	15 x 26 x 36 mm	250 mm 8-pin M12 pigtail QD	SI-RFDT-HP8
	High	Single PNP	Automatic	15 x 26 x 36 mm	250 mm 5-pin M12 pigtail QD	SI-RFPT-HP5
	Low	Single PNP	Automatic	15 x 26 x 36 mm	250 mm 5-pin M12 Pigtail QD	SI-RFPT-LP5
Description						Models
 ISD M12 termination plug, compatible with all ISD devices						SI-RFA-P
 ISD Tee, T adapter for series connection, compatible with all ISD devices						SI-RFA-TS
Product	Color	Contacts	Environmental Rating	Connection	Models	
 30 mm Mount Emergency Stop Push Button	Green and red flash	2 NC/ 1 NO-PNP	IP65	8-pin M12 integral QD	SSA-EB1PLGR- 12ECQ8	
	Yellow and red solid/flash	2 NC/ 1 NO-PNP	IP65	8-pin M12 integral QD	SSA-EB1PLYR- 12ECQ8	
	Green and red flash	2 NC OSSD	IP65	8-pin M12 integral QD	SSA-EB1PLGR- 0DECQ8	
30 mm Mount Emergency Stop Push Button with washdown cover	Green and red solid/flash	2 NC/ 1 NO-PNP	IP69K	8-pin M12 integral QD	SSA-EB1PLGR- 12ECQ8-WC	
 30 mm Emergency Stop Flush Mount Push Button with ISD	Green, red flashing	2 NC OSSD	IP65	8-pin M12 integral QD	SSA-EB1PLGR- 0DED1Q8	
Description						Models
 Emergency stop washdown cover, FDA Grade silicone, IP67 and IP69K, for use with 30mm mount emergency stop push buttons						SSA-EB1P-ECWC
 ISD Connect, connects conventional emergency stop buttons or safe mechanical switch contacts to an ISD chain of devices						SSA-ISD-TCA











Snap Signal, Industrial Wireless, and Remote I/O

	Product	Measurement Range	Sensing Type	Outputs	Models
	Vibration and Temperature Sensor	Vibration: 3-axis, 6 Hz to 5.3 kHz Temp: -40 to 105 °C	Vibration and temperature	Modbus	QM30VT3-MQP
	Vibration and Temperature Sensor in stainless steel	Vibration: 3-axis, 6 Hz to 5.3 kHz Temp: -40 to 105 °C	Vibration and temperature	Modbus	QM30VT3-SS-MQP
	Vibration and Temperature Sensor	Vibration: 2-axis, 6 Hz to 5.3 kHz Temp: -40 to 105 °C	Vibration and temperature	Modbus	QM30VT2-QP
	Vibration and Temperature Sensor	Vibration: 2-axis, 10 Hz to 4 kHz Temp: -40 to 105 °C	Vibration and temperature	Modbus	QM30VT1
	Flat surface screw mount bracket	—	—	—	BWA-QM30-FSALR
	Current Transformer	0–20A	Current Transformer	Modbus	S15C-CT20A-MQ
		0–150A	Current Transformer	Modbus	S15C-CT150A-MQ
		0–600A	Current Transformer	Modbus	S15C-CT600A-MQ
	Rogowski Coil Current Sensors	500A	Current Transformer	Modbus	S15S-R500-MQ
		1000A	Current Transformer	Modbus	S15S-R1000-MQ
		3000A	Current Transformer	Modbus	S15S-R3000-MQ
		6000A	Current Transformer	Modbus	S15S-R6000-MQ
	S15C Pressure Sensors	0–50 PSI	Pressure sensor	Modbus	S15C-PS50SS-MQ
		0–100 PSI	Pressure sensor	Modbus	S15C-PS100SS-MQ
		0–150 PSI*	Pressure sensor	Modbus	S15C-PS150C-MQ
		0–150 PSI	Pressure sensor	Modbus	S15C-PS150SS-MQ
		0–3000 PSI	Pressure sensor	Modbus	S15C-PS3000SS-MQ
		0–5000 PSI	Pressure sensor	Modbus	S15C-PS5000SS-MQ
*Ceramic element intended for gas media only					
	Analog Pressure Sensors	0-15 PSIG	Pressure sensor	Analog	PGPS15PSIG-C-I-Q
		0-50 PSIG	Pressure sensor	Analog	PGPS50PSIG-C-I-Q
		0-100 PSIG	Pressure sensor	Analog	PGPS100PSIG-C-I-Q
		0-150 PSIG	Pressure sensor	Analog	PGPS150PSIG-C-I-Q
		0-150 PSIG*	Pressure sensor	Analog	PGPC150PSIG-C-I-Q
		0-3000 PSIG	Pressure sensor	Analog	PGPS3000PSIG-C-I-Q
		0-5000 PSIG	Pressure sensor	Analog	PGPS5000PSIG-C-I-Q
*Ceramic element intended for gas media only					
	Differential Pressure Sensors	±1 inches water column	Pressure	Modbus	QM42-DPS1-2Q
		±5 inches water column	Pressure	Modbus	QM42-DPS5-2Q
		±20 inches water column	Pressure	Modbus	QM42-DPS20-2Q
	Duct Pressure Probe	—	—	—	BWA-DPS-PROBE

Snap Signal, Industrial Wireless, and Remote I/O

	Product	Measurement Range	Sensing Type	Protocols	Models
	Temperature and Humidity Sensor	Temp: -40 to +85 °C Humidity: 0 to 100%	Temperature and humidity	Modbus	S15S-TH-MQ
	In-Line Converter with Thermistor	-20 to 105 °C	Thermistor	Modbus	S15C-TMS-MQ
			2 x Thermistor	Modbus	S15C-DTMS-MQ
	Dew Point Sensor	Temp: -40 to +85 °C Humidity: 0 to 100% Dew point: -116 to +85 °C	Temperature and humidity	Modbus	S24AS-D-MQP
	Ultrasonic Sensor	100 mm to 1 m	Ultrasonic level	Modbus	K50UX2ARA
	Infrared Non-Contact Temperature Sensor	-20 to +320 °C	Temperature	Modbus	S15S-T-MQ
	Description	Bracket Type		Models	
	S15 Swivel Bracket	Stainless steel mounting flange with M5 screw holes		SMB-S15S-SWIVEL	
	S15 Swivel Bracket	Stainless steel mounting flange with M5 screw holes and mounting magnets included		SMB-S15S-SWIVEL-MAG	
	Product	Protocols	Inputs	Outputs	Models
	DXMR90 Industrial Controller	Ethernet IP, Modbus TCP, Modbus RTU, and Profinet	4 Modbus client ports 1 Configurable modbus client or server port	—	DXMR90-X1E
	R95C Discrete and Analog Input-Output Hub	Modbus	4 Configurable analog inputs (4-20 mA or 0-10 V DC) 4 Configurable analog outputs (4-20 mA or 0-10 V DC) 8 Configurable bi-modal discrete inputs or outputs	—	R95C-4B4UI-MQ
	R95C Discrete Bimodal to Modbus Hub	Modbus	8 Bi-modal discrete inputs 8 Configurable bi-modal discrete inputs or outputs	—	R95C-8B21-MQ
	R95C Analog Input to Modbus Hub	Modbus	8 Analog voltage/current ports	—	R95C-8UI-MQ
	R90C IO-Link Master Modbus Converter	Modbus	4 IO-Link master ports with 8 configurable IO	—	R90C-4K-MQ





Snap Signal, Industrial Wireless, and Remote I/O

	Product	Protocols	Inputs	Outputs	Models
	R45C IO-Link Master Modbus Converter	IO-Link, Modbus RTU	2 IO-Link master ports with 4 configurable IO		R45C-2K-MQ
	R45C Modbus to Dual Analog Input-Output Converter	Modbus	2 4-20 mA inputs and 2 4-20 mA outputs		R45C-MII-IQ
			2 0-10 V DC inputs and 2 0-10 V DC outputs		R45C-MUU-UUQ
	R50C Motor Driven Roller Controller	Modbus	2 Configurable bi-modal discrete inputs or outputs 1 0-18 V DC analog output		R50C-L-B22AOU-MQ
	S15C In-Line Converters	Modbus	2 Configurable discrete inputs or outputs		S15C-B22-MQ
		Modbus	1 Analog current	—	S15C-I-MQ
		Modbus	1 Analog voltage	—	S15C-U-MQ
	Product	Radio Frequency	Inputs	Outputs	Models
	DXM1200-X2 IIoT Gateway	—	—	Modbus	DXM1200-X2
		900 MHz	—	Modbus	DXM1200-X2R2
	R70 Serial Data Radio	2.4 GHz	—	Serial	R70SR2MQ
		900 MHz	—	Serial	R70SR9MQ
	Product	Measurement Range	Inputs	Outputs	Models
	Temperature and Humidity Sensor	Temp: -40 to +85 °C Humidity: 0 to 100%	Temperature and humidity	1 Discrete	S15S-TH-KQ
	Product	Protocols	Inputs	Outputs	Models
	DXMR90 IO-Link Master Controller	Ethernet IP, Modbus TCP, and Profinet	4 IO-Link master ports with configurable 8 configurable IO		DXMR90-4K
	DXMR110 IO-Link Master Controller	Ethernet IP, Modbus TCP, and Profinet	8 IO-Link Master Ports with configurable 16 configurable IO		DXMR110-8K
	R95C Discrete IO-Link Hub	IO-Link	16 Configurable bi-modal discrete inputs or outputs		R95C-8B22-KQ











Snap Signal, Industrial Wireless, and Remote I/O

	Product	Protocols	Inputs	Outputs	Models
	R95C Analog Input IO-Link Hub	IO-Link	8 Analog voltage/current ports		R95C-8UI-KQ
	R95C Discrete and Analog Input-Output Hub	IO-Link	4 Configurable analog inputs (4-20 mA or 0-10 V DC) 4 Configurable analog outputs (4-20 mA or 0-10 V DC) 8 Configurable bi-modal discrete inputs or outputs		R95C-4B4UI-KQ
	R45C IO-Link to Dual Analog Input-Output Converter	IO-Link	2 4-20 mA inputs and 2 4-20 mA outputs		R45C-KII-IIQ
		IO-Link	2 0-10 V DC inputs and 2 0-10 V DC outputs		R45C-KUU-UUQ
	IC70 In-Cabinet IO-Link Hub	IO-Link	16 Discrete (PNP)	16 Discrete (PNP)	IC70-16P-K
	R130C Discrete IO-Link Hub	IO-Link	16 Configurable PNP discrete inputs or outputs		R130C-8P22-KQ
	S15C In-Line Converters	IO-Link	1 Analog Current		S15C-I-KQ
		Modbus, IO-Link	1 Modbus	1 IO-Link	S15C-MGN-KQ
		IO-Link	1 Analog Voltage		S15C-U-KQ
		IO-Link	1 Bi-modal discrete	1 configurable bi-modal discrete input or output	S15C-B21-KQ
	Product	Radio Frequency	Carrier	Outputs	Models
	Asset Monitoring Gateway with CLOUD ID	900 MHz	Verizon	—	DXM1200-CK9-V
		900 MHz	AT&T	—	DXM1200-CK9-A
		2.4 GHz	Multi	—	DXM1200-CK2-W
	Product	Radio Frequency	Inputs	Outputs	Models
	Wireless Radio Kit	900 MHz	6 PNP discrete	6 PNP discrete	DX80K9M6-PM8











Snap Signal, Industrial Wireless, and Remote I/O

	Product	Measurement Range	Radio Frequency	Inputs	Models
	All-in-One Current Sensor Node	0–20 or 0–150 Amps	900 MHz	Amperage (two current transformers included)	DX80N9Q45CT
					DX80N9Q45CT NB
			2.4 GHz		DX80N2Q45CT NB
	Wireless Dew Point Sensor	-116°C to 85°C	900 MHz	Temperature, humidity, and dew point	DX80N9Q45DEW
					DX80N9Q45DEW NB
			2.4 GHz		DX80N2Q45DEW NB
	Wireless Differential Pressure Sensor <small>**QM42-DPS not included</small>	±1 inch H ₂ O (QM42-DPS1-1Q), ±5 inch H ₂ O (QM42-DPS5-1Q), or ±20 inch H ₂ O (QM42-DPS20-1Q)	900 MHz	Differential pressure	DX80N9Q45DPSD**
					DX80N9Q45DPSD NB**
			2.4 GHz		DX80N2Q45DPSD NB**
	Wireless Temperature Differential Sensor	-20°C to 105°C	900 MHz	2 x Thermistor	DX80N9Q45DT
					DX80N9Q45DT NB
			2.4 GHz		DX80N2Q45DT NB
	Wireless Pressure Sensor	0–150 PSI	900 MHz	Pressure	DX80N9Q45PSD150G
					DX80N9Q45PSD150G NB
			2.4 GHz		DX80N2Q45PSD150G NB
	Wireless Vibration and Temperature Sensor <small>*QM30VT1 not included</small>	—	900 MHz	Vibration and temperature	DX80N9Q45VTPD ⁺
			2.4 GHz		DX80N2Q45VTPD NB ⁺
	All-in-One Vibration Sensor Node	—	900 MHz	Vibration and temperature	DX80N9Q45VAC
			2.4 GHz		DX80N2Q45VAC NB
	Description	Bracket Type	Models		
	M12 Magnetic Bracket	Cable management magnetic bracket for M12 cables	BWA-M12CAB-MAG		
	Rare Earth Magnetic Mounts	49 lb magnets to be used on multiple mounting brackets, 1 in. screw pack included	BWA-MAG49LBS-1INCH		









Connectivity

Product	Orientation	Length	Models
 M12 4-Pin Female QD to Flying Leads	Straight	2 m	BC-M12F4-22-2
		5 m	BC-M12F4-22-5
		10 m	BC-M12F4-22-10
		15 m	BC-M12F4-22-15
 M12 4-Pin Male QD to Flying Leads	Straight	2 m	BC-M12M4-22-2
		5 m	BC-M12M4-22-5
 M12 4-Pin Female QD to Flying Leads Open Shield with Drain Wire	Straight	2 m	BC-M12F4-22-2-SF
 M12 4-Pin Double-Ended	Straight/straight (Female/male)	1 m	BC-M12F4-M12M4-22-1
		2 m	BC-M12F4-M12M4-22-2
		5 m	BC-M12F4-M12M4-22-5
		10 m	BC-M12F4-M12M4-22-10
		15 m	BC-M12F4-M12M4-22-15
 M12 5-Pin Female QD to Flying Leads	Straight	1 m	BC-M12F5-22-1
		2 m	BC-M12F5-22-2
		5 m	BC-M12F5-22-5
		10 m	BC-M12F5-22-10
		15 m	BC-M12F5-22-15
 M12 5-Pin Female QD to Flying Leads	Right-angle	5 m	BC-M12F5A-22-5
		10 m	BC-M12F5A-22-10
 M12 5-Pin Male QD to Flying Leads	Straight	2 m	BC-M12M5-22-2
		5 m	BC-M12M5-22-5
 M12 5-Pin Double-Ended	Straight/straight (Female/male)	1 m	BC-M12F5-M12M5-22-1
		2 m	BC-M12F5-M12M5-22-2
		5 m	BC-M12F5-M12M5-22-5
		10 m	BC-M12F5-M12M5-22-10
 M12 8-Pin Female QD to Flying Leads	Straight	2 m	BC-M12F8-24-2
		5 m	BC-M12F8-24-5
		10 m	BC-M12F8-24-10
 M12 8-Pin Male QD to Flying Leads	Straight	2 m	BC-M12M8-24-2
		5 m	BC-M12M8-24-5














Connectivity

	Product	Orientation	Length	Models
	M12 8-Pin Double-Ended	Straight/straight (Female/male)	2 m	BC-M12F8-M12M8-24-2
			5 m	BC-M12F8-M12M8-24-5
			10 m	BC-M12F8-M12M8-24-10
	M23 12-Pin Female QD to Flying Leads	Straight	2 m	BC-M23F12-22-2
			5 m	BC-M23F12-22-5
			10 m	BC-M23F12-22-10
	M23 12-Pin Female QD to Flying Leads	Right-angle	2 m	BC-M23F12A-22-2
			5 m	BC-M23F12A-22-5
			10 m	BC-M23F12A-22-10
	M23 12-Pin Double-Ended	Straight/straight (Female/male)	2 m	BC-M23F12-M23M12-22-2
			5 m	BC-M23F12-M23M12-22-5
			10 m	BC-M23F12-M23M12-22-10
			15 m	BC-M23F12-M23M12-22-15
	M23 19-Pin Female QD to Flying Leads	Straight	2 m	BC-M23F19-1822-2
			5 m	BC-M23F19-1822-5
			10 m	BC-M23F19-1822-10
	M23 19-Pin Female QD to Flying Leads	Right-angle	2 m	BC-M23F19A-1822-2
			5 m	BC-M23F19A-1822-5
			10 m	BC-M23F19A-1822-10
	M23 19-Pin Double-Ended	Straight/straight (Female/male)	2 m	BC-M23F19-M23M19-1822-2
			5 m	BC-M23F19-M23M19-1822-5
			10 m	BC-M23F19-M23M19-1822-10
	M8 3-Pin Female QD to Flying Leads	Straight	1 m	BC-M8F3-24-1
			2 m	BC-M8F3-24-2
			5 m	BC-M8F3-24-5
			10 m	BC-M8F3-24-10
			20 m	BC-M8F3-24-20
	M8 3-Pin Male QD to Flying Leads	Straight	0.5 m	BC-M8M3-24-0.5
			2 m	BC-M8M3-24-2
	M8 3-Pin Double-Ended	Straight/straight (Female/male)	1 m	BC-M8F3-M8M3-24-1
			2 m	BC-M8F3-M8M3-24-2
			5 m	BC-M8F3-M8M3-24-5

Connectivity

Product	Orientation	Length	Models
 M8 4-Pin Female QD to Flying Leads	Straight	1 m	BC-M8F4-24-1
		2 m	BC-M8F4-24-2
		5 m	BC-M8F4-24-5
		10 m	BC-M8F4-24-10
 M8 4-Pin Double-Ended	Straight/straight (Female/male)	2 m	BC-M8F4-M8M4-24-2
		5 m	BC-M8F4-M8M4-24-5
		10 m	BC-M8F4-M8M4-24-10
 M12 5-Pin L-Code Female QD to Flying Leads	Straight	2 m	BCP-M12LF5-14-2
		5 m	BCP-M12LF5-14-5
		10 m	BCP-M12LF5-14-10
 M12 5-Pin L-Code Male QD to Flying Leads	Straight	2 m	BCP-M12LM5-14-2
		5 m	BCP-M12LM5-14-5
		10 m	BCP-M12LM5-14-10
 M12 5-Pin L-Code Double-Ended	Straight/straight (Female/male)	2 m	BCP-M12LF5-M12LM5-14-2
		5 m	BCP-M12LF5-M12LM5-14-5
		10 m	BCP-M12LF5-M12LM5-14-10
		15 m	BCP-M12LF5-M12LM5-14-15
		20 m	BCP-M12LF5-M12LM5-14-20
 M12 4-Pin A-Code to M8 3-Pin Double Ended	Straight/straight (Female/male)	2 m	BC-M12F4-M8M3-24-2
 M12 4-Pin A-Code to M8 4-Pin Double Ended	Straight/straight (Female/male)	2 m	BC-M12F4-M8M4-24-2
 S15A In-Line Adapter	M12 4-pin female to M8 3-pin male	–	S15A-M12F4M8M3
	M12 4-pin female to M8 4-pin male	–	S15A-M12F4M8M4
	M12 4-pin male to M8 3-pin female	–	S15A-M12M4M8F3
	M12 4-pin male to M8 4-pin female	–	S15A-M12M4M8F4

Connectivity

Product	Orientation	Length	Models
 M12 4-Pin Field Wireable Slide Lock Terminal	Straight female	–	BFW-M12F4-6SL
	Straight male	–	BFW-M12M4-6SL
	Right-angle female	–	BFW-M12F4A-6SL
	Right-angle male	–	BFW-M12M4A-6SL
 M12 5-Pin Field Wireable Slide Lock Terminal	Straight female	–	BFW-M12F5-6SL
	Straight male	–	BFW-M12M5-6SL
	Right-angle female	–	BFW-M12F5A-6SL
	Right-angle male	–	BFW-M12M5A-6SL
 M12 4-Pin Field Wireable Screw Terminal	Straight female	–	BFW-M12F4-6X
	Straight male	–	BFW-M12M4-6X
 M12 5-Pin Field Wireable Screw Terminal	Straight female	–	BFW-M12F5-6X
	Straight male	–	BFW-M12M5-6X
 M12 8-Pin Field Wireable Screw Terminal	Straight female	–	BFW-M12F8-8X
	Straight male	–	BFW-M12M8-8X
Description	Thread Size	Length	Models
 M12 4-Pin Female Receptacle	PG9	0.5 m	BR-M12F4F9-0.5
		1 m	BR-M12F4F9-1
		2 m	BR-M12F4F9-2
 M12 5-Pin Female Receptacle	PG9	0.5 m	BR-M12F5F9-0.5
		1 m	BR-M12F5F9-1
		2 m	BR-M12F5F9-2
 M12 8-Pin Female Receptacle	PG9	0.5 m	BR-M12F8F9-0.5
		1 m	BR-M12F8F9-1
		2 m	BR-M12F8F9-2
 M12 12-Pin Female Receptacle	PG9	0.5 m	BR-M12F12F9-0.5
 M12 4-Pin Male Receptacle	PG9	0.5 m	BR-M12M4F9-0.5
		1 m	BR-M12M4F9-1
		2 m	BR-M12M4F9-2
 M12 5-Pin Male Receptacle	PG9	0.5 m	BR-M12M5F9-0.5
		1 m	BR-M12M5F9-1
		2 m	BR-M12M5F9-2
 M12 8-Pin Male Receptacle	PG9	0.5 m	BR-M12M8F9-0.5
		1 m	BR-M12M8F9-1
		2 m	BR-M12M8F9-2
 M12 12-Pin Male Receptacle	PG9	0.5 m	BR-M12M12F9-0.5

Connectivity



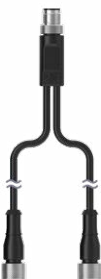
Product	Orientation	Length	Models
M12 4-Pin Wiring Splitters	No Trunk/ Integral QD (male)	2 x 0.3 m (female)	CSA-M1240M1241
		2 x 1 m (female)	CSA-M1240M1243
		2 x 2 m (female)	CSA-M1240M1246
	0.3 m (male)	2 x 0.3 m (female)	CSA-M1241M1241
	1 m (male)	2 x 1 m (female)	CSA-M1243M1243
	2 m (male)	2 x 2 m (female)	CSB-M1246M1246



M12 4-Pin Flat QD Splitters	No Trunk/ Integral QD (male)	2 x 0.3 m (female)	CSB-M1240M1241
	0.3 m (male)	2 x 0.3 m (female)	CSB-M1241M1241
	1 m (male)	2 x 1 m (female)	CSB-M1243M1243









M12 5-Pin Multi-port Splitter	0.3 m (male)	4 x No Branch/ Integral QD (female)	CSB4-M1251M1250
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M12 4-Pin Round QD Splitters	Signal combiner, Branch 1 pin 2, Branch 2 pin 4	0.2 m (female)	S15YA24-M124-M124-0.2M
	Signal combiner, Branch 1 and 2 pin 4		S15YA4-M124-M124-0.2M
	Parallel		S15YB-M124-M124-0.2M

Connectivity

Product	Orientation	Length	Models
 M12 4-Pin Compact Flat QD Splitters	No Trunk/ Integral QD (male)	2 x No Branch/ Integral QD (female)	CSB-M1240M1240
 M12 5-Pin Flat QD Splitter	No Trunk/ Integral QD (female)	2 x No Branch/ Integral QD (female, male)	CSB-M1250M1250
 M12 5-Pin T Splitter	No Trunk/ Integral QD (female)	2 x No Branch/ Integral QD (female, male)	CSB-M1250M1250-T
 M12 8-Pin Splitter	No Trunk/ Integral QD (female)	2 x No Branch/ Integral QD (female, male)	CSB-M1280M1280

Product	Wiring	Connection	Models
 M12 5-Pin Molded Junction Blocks	Parallel	4 x M12 5-pin female, 1 x M12 5-pin male	R50-4M125-M125Q-P
	Parallel	8 x M12 5-pin female, 1 x M12 5-pin male	R95-8M125-M125Q-P
 M12 4 Port 5-Pin to 12-Pin I/O Junction Blocks	IO Block, 2 Discrete signals per port	4 x M12 5-pin female, 1 x M23 12-pin male	JB-4M12-M23-P24
 M12 4 Port 3-Pin to 8-Pin I/O Junction Blocks	IO Block, 1 Discrete signal per port	4 x M8 3-pin female, 1 x M12 8-pin male	JB-4M8-M12-P4
 M12 8 Port 5-Pin to 19-Pin I/O Junction Blocks	IO Block, 2 Discrete signals per port	8 x M12 5-pin female, 1 x M23 19-pin male	JB-8M12-M23-P24
 M12 8 Port 3-Pin to 12-Pin I/O Junction Blocks	IO Block, 1 Discrete signal per port	8 x M8 3-pin female, 1 x M12 12-pin male	JB-8M8-M12-P4

