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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	T18-2VPFF50IR-Q8
	100 mm	Fixed field background suppression	Complementary PNP	4-pin M12 integral QD	T18-2VPFF100IR-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
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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	Arrays and Wide Beam
	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	Laser Distance Measurement
		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	

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



	15 m	15° x 15°	Dual discrete with IO-Link	5-pin M12 integral QD	T30R-1515-KDQ
T30R Barrel-Mount Radar Sensor	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	Ultrasonics
	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	3D Time of Flight
	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	Vision
	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	Accessories
	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	

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
	TL70 Light Module Steady on/flashing	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
SD50 Status Display with  IO-Link®	300 mm	16 Static 29 Scrolling	18-30 V DC	IP65	150 mm (6 in) 4-pin M12 PVC pigtail QD	SD50P300WKQP
SD50 Status Display with Modbus	300 mm	16 Static 29 Scrolling	12-30 V DC	IP65	150 mm (6 in) 4-pin M12 PVC pigtail QD	SD50P300WSQP

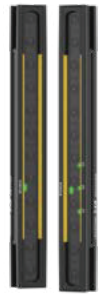
Description	Models
 A single Pro-Kit provides everything required to program the device using the free Pro Editor software, and is required only for setup, not daily operation.	PRO-KIT

 IO-Link touch controller, 5-button control box, 5 discrete outputs plus IO-Link control and monitoring	LCA130T5KQ
Discrete touch controller, 5-button control box, 5 discrete outputs	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
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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

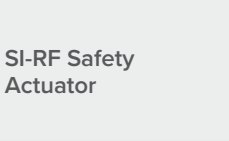
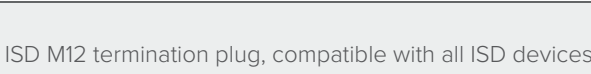
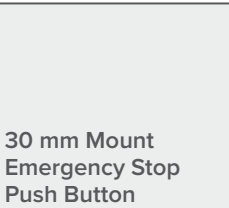
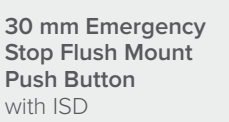
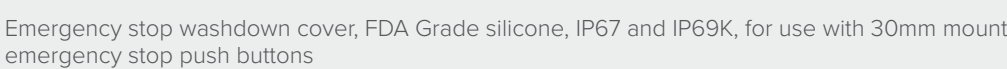


Product	Contact Configuration	Locking Function	ISD Connect Compatible	Connection	Models
SI-GL42 Customizable Safety Locking Switch	Actuator: 1 NO, Monitor: 2 NC	Solenoid locking	✓	5-pin M12 bottom, 5-pin M12 side	SI-GL42DM01-20Q13
	Actuator: 2 NC, Monitor: 2 NC	Solenoid locking		none	SI-GL42DM20-20
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

*Ceramic element intended for gas media only

*Ceramic element intended for gas media only

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-IIQ
			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
		IO-Link	1 Analog Current		S15C-I-KQ
	S15C In-Line Converters	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 **QM42-DPS not included	±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 †QM30VT1 not included	—	900 MHz	Vibration and temperature	DX80N9Q45VTPD [†]
					DX80N2Q45VTPD NB [†]
			2.4 GHz		
	All-in-One Vibration Sensor Node	—	900 MHz	Vibration and temperature	DX80N9Q45VAC
					DX80N2Q45VAC NB
			2.4 GHz		
	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

	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



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