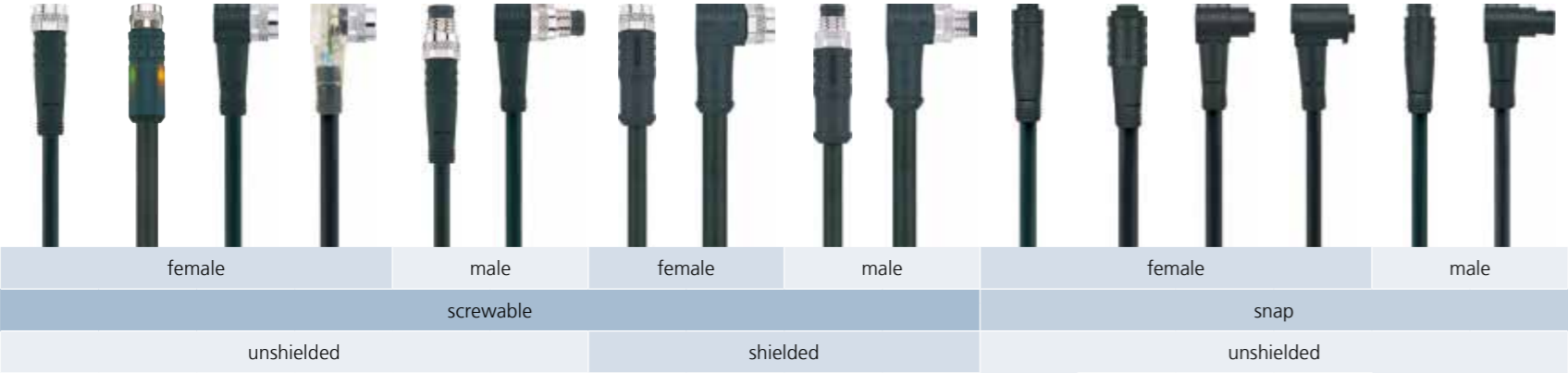


SENSOR/ACTUATOR Connectors for the automation industry










M8 Connectors



Cable qualities ↓

Available polarities ↘






			↑	LED ↑	↗	LED ↗	↑	↗	↑	↗	↑	↗	↑	↗	↑	↗
	P00	PVC/PVC	affordable standard cable	3, 4, 5, 8	3	3, 4, 5, 8	3, 4	3, 4, 5, 8	3, 4, 5, 8	3, 4, 5, 8	3, 4, 5, 8	3, 4, 5, 8	3, 4, 5	3, 4	3, 4, 5	3, 4
	P01	PVC/PVC	affordable standard cable, UL	3, 4	3	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4
	P01BK	PVC/PVC	affordable standard cable, UL	3, 4	3	3, 4	3, 4	3, 4	3, 4	3, 4			3, 4	3, 4	3, 4	3, 4
	S370	PUR/PP	for torsion & drag chain, weldfield immune, UL	3, 4, 5, 8	3	3, 4, 5, 8	3, 4	3, 4, 5, 8	3, 4, 5, 8	3, 4, 5, 8	3, 4, 5, 8	3, 4, 5, 8	3, 4, 5	3, 4, 5	3, 4, 5	3, 4, 5
	S370GY	PUR/PP	for torsion & drag chain, weldfield immune, UL	3, 4	3	3, 4	3, 4	3, 4	3, 4	3, 4	3, 4, 5	3, 4, 5	3, 4, 5	3, 4, 5	3, 4	3, 4
	S7400	PUR/PP robotic	for strong mechanical stress	3, 4	3	3, 4	3, 4	3, 4	3, 4	3, 4			3, 4	3, 4	3, 4	3, 4
	S400	PUR/PP easystrip	manual stripping up to 1.5m	3, 4, 5		3, 4, 5	3, 4	3, 4, 5	3, 4, 5	3, 4, 5			3, 4, 5	3, 4, 5	3, 4, 5	3, 4, 5



M12

female						male				female		male		male				M12
screwable														push-pull				
unshielded										shielded				unshielded		shielded		
	grip body with thread	LED		grip body with thread	LED		grip body with thread		grip body with thread									
↑	↑	↑	↻	↻	↻	↑	↑	↻	↻	↑	↻	↑	↻	↑	↻	↑	↻	Available polarities
3, 4 4+PE 5, 8, 12	4	3, 4	3, 4 4+PE 5, 8, 12	4	3, 4, 5	3, 4 4+PE 5, 8, 12	4	3, 4 4+PE 5, 8, 12	4	3, 4, 5 8, 12	3, 4, 5 8, 12	3, 4, 5 8, 12	3, 4, 5 8, 12	3, 4 4+PE 5, 8, 12	3, 4 4+PE 5, 8, 12	3, 4, 5 8, 12	3, 4, 5 8, 12	P00 PVC/PVC
3, 4 4+PE 5, 8, 12	4	3, 4	3, 4 4+PE 5, 8, 12	4	3, 4, 5	3, 4 4+PE 5, 8, 12	4	3, 4 4+PE 5, 8, 12	4	3, 4, 5 8, 12	3, 4, 5 8, 12	3, 4, 5 8, 12	3, 4, 5 8, 12	3, 4 4+PE 5, 8, 12	3, 4 4+PE 5, 8, 12	3, 4, 5 8, 12	3, 4, 5 8, 12	P01 PVC/PVC
3, 4 4+PE	4	3, 4	3, 4 4+PE	4	3, 4, 5	3, 4 4+PE	4	3, 4 4+PE	4					3, 4 4+PE	3, 4 4+PE			P01BK PVC/PVC
3, 4 4+PE 5, 8, 12	4	3, 4	3, 4 4+PE 5, 8, 12	4	3, 4, 5	3, 4 4+PE 5, 8, 12	4	3, 4 4+PE 5, 8, 12	4	3, 4, 5 8, 12	3, 4, 5 8, 12	3, 4, 5 8, 12	3, 4, 5 8, 12	3, 4 4+PE 5, 8, 12	3, 4 4+PE 5, 8, 12	3, 4, 5 8, 12	3, 4, 5 8, 12	S370 PUR/PP
3, 4 4+PE 5, 8, 12	4	3, 4	3, 4 4+PE 5, 8, 12	4	3, 4, 5	3, 4 4+PE 5, 8, 12	4	3, 4 4+PE 5, 8, 12	4	3, 4, 5 8, 12	3, 4, 5 8, 12	3, 4, 5 8, 12	3, 4, 5 8, 12	3, 4 4+PE 5, 8, 12	3, 4 4+PE 5, 8, 12	3, 4, 5 8, 12	3, 4, 5 8, 12	S370GY PUR/PP
3, 4 4+PE 5	4	3, 4	3, 4 4+PE 5	4	3, 4, 5	3, 4 4+PE 5	4	3, 4 4+PE 5	4					3, 4 4+PE 5	3, 4 4+PE 5			S7400 PUR/PP robotic
3, 4 4+PE 5, 8, 12	4	3, 4	3, 4 4+PE 5, 8, 12	4	3, 4, 5	3, 4 4+PE 5, 8, 12	4	3, 4 4+PE 5, 8, 12	4					3, 4 4+PE 5, 8, 12	3, 4 4+PE 5, 8, 12			S400 PUR/PP easystrip

Y-Splitter with cable outlet

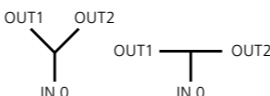
Y-Splitter with cable outlet															
															
OUT 1 + 2 →		M8				M12				Valve connector			Pigtails	M12 shielded	
		Female			Male	Female			Male	A	B BI	C CI		Male	Female
IN 0 ↓	Available polarities ↘ Cable qualities ↓	↑	↶	↷	↑	↑	↶	↷	↑	↑	↑	↑	↑	↑	↑
	M8 female 4-poles	PVC P00				3				3				4	
		PUR S370				3				3				4	
		PUR S7400				3				3				4	
	M8 male 4-poles	PVC P00	3, 4	3, 4	3, 4		3, 4	3, 4	3, 4					4	
		PUR S370	3, 4	3, 4	3, 4		3, 4	3, 4	3, 4					4	
		PUR S7400	3, 4	3, 4	3, 4		3, 4	3, 4	3, 4					4	
	M12 female 4-poles	PVC P00				3				3				4	
		PUR S370				3				3				4	
		PUR S7400				3				3				4	
	M12 male 4-poles	PVC P00	3, 4	3, 4	3, 4		3, 4	3, 4	3, 4					4	
		PUR S370	3, 4	3, 4	3, 4		3, 4	3, 4	3, 4					4	
		PUR S7400	3, 4	3, 4	3, 4		3, 4	3, 4	3, 4					4	
	M12 male 5-poles	PVC P00									2+PE PE jumpered	2+PE	2+PE PE jumpered		
		PUR S370									2+PE PE jumpered	2+PE	2+PE PE jumpered		
	M12 female 5-poles	PUR S370													5


Accessories



Splitter Y/T

Splitter Y/T





Housing Style →	S89			MB			S55			Y			Y shielded			T			T shielded		
M: male / F:female + Polarity ↘	IN 0	OUT 1	OUT 2	IN 0	OUT 1	OUT 2	IN 0	OUT 1	OUT 2	IN 0	OUT 1	OUT 2	IN 0	OUT 1	OUT 2	IN 0	OUT 1	OUT 2	IN 0	OUT 1	OUT 2
M12	M4	F3	F3	M5	F5	F5	M5	F5	F5				M5	F5	F5	F4	F4	M4	F4	F4	M4
	F4	M3	M3	F5	M5	F5	M4	F3	F3				F5	M5	F5	F4	M4	M4	F5	F5	M5
	M5	F5	F5	M5	M5	F5							F5	M5	M5	F5	F5	M5	F5	M5	M5
				M8	F8	F8							M5	M5	F5	F5	M5	M5	F8	F8	M8
													M8	F8	F8	F8	F8	M8			
M12 LED	M4	F3	F3	M5	F5	F5							M5	F5	F5						
M12 AND				M5	F5	F5															
M12 > 2x M8	M4	F3	F3							M4	F3	F3									
M8 > 2x Ø8 snap										M4	F3	F3									
M8				M3	F3	F3															
				M4	F3	F3															
M8 LED				M4	F3	F3															
M8 AND				M3	F3	F3															

I/O-Module

Design inputs →		M8					Ø8mm snap				M12								
Number of ports		4		8		10	4		10		4			6			8		
Poles count of ports		3	3, 4	3	3, 4	3	3, 4	3, 4	3		3+PE 4+PE			3+PE 4+PE			3+PE 4+PE		
Exit	Version →	Top	Cable	Top	Cable	Top	Cable	Top	Cable	Top	Cable	Top	Cable	Top	Cable	Top	Cable	Top	Cable
	Cable qualities → Connectors + Polarity	M12 8	PUR S370	M12 12	PUR S370	M12 12	PUR S370	M12 8 12	PUR S370	M12 12	PUR/S370 PVC/P01	M23 12 19	Front M23 12 19	PUR S370	M23 12 19	Front M23 12 19	PUR S370	M23 12 19	Front M23 12 19



ROUND CONNECTOR	RECEPTACLES	Y- T-SPLITTER	ADAPTER	I/O MODULE	VALVE CONNECTOR
<ul style="list-style-type: none"> Single- double-ended cordsets <p>M12 A-coded</p> <ul style="list-style-type: none"> Polarity: 3, 4, 4+PE, 5, 8, 12 LED-version 360°-shielded: 3, 4, 5, 8, 12 Grip body with thread for protective hose Coupling nut: Nickel-plated, Plastic (4 Colors) <p>M12 push-pull A-coded</p> <ul style="list-style-type: none"> Polarity: 3, 4, 4+PE, 5, 8, 12 360°-shielded: 3, 4, 5, 8, 12 <p>M8</p> <ul style="list-style-type: none"> Polarity: 3, 4, 5, 8 LED-Version, 360°-shielded <p>Ø8mm snap</p> <ul style="list-style-type: none"> Polarity: 3, 4, 5 With locking mechanism <ul style="list-style-type: none"> Good media- and temperature resistance IP65 IP67 IP68 UL-approved Protective caps, protective plugs, marking accessories 	<ul style="list-style-type: none"> Back- Front wall mounting Wire contact Print contacts Housing: Nickel-plated, <p>M12 + M12 push-pull A-coded</p> <ul style="list-style-type: none"> Polarity: 3, 4, 4+PE, 5, 8, 12 Coding location positionable (Front wall installation) 360°-shielded (Print) Screw-in thread: M12x1 M16x1.5 PG9 <p>M8</p> <ul style="list-style-type: none"> Polarity: 3, 4, 5, 8 Straight+ angled (Print) 360°-shielded (Print) Screw-in thread: M8x0.5 M8x1 <ul style="list-style-type: none"> Good media- and temperature resistance IP65 IP67 IP68 Protective caps, protective plugs, separate counter nuts 	<ul style="list-style-type: none"> Housing style: S89 MB S55 T-Splitter Y-Splitter Y-Splitter with cable outlet LED-Versions <p>M12 A-coded</p> <ul style="list-style-type: none"> Polarity: 3, 4, 5, 8, 12 LED-Versions AND-Circuit logic 360°-shielded <p>M8</p> <ul style="list-style-type: none"> Polarity: 3, 4 LED-Versions <ul style="list-style-type: none"> 3 Cable qualities PUR/PVC <ul style="list-style-type: none"> Good media- and temperature resistance IP65 IP67 IP68 UL-approved Protective caps, protective plugs, marking accessories, assembly and fastening accessories 	<p>M12 > M12</p> <ul style="list-style-type: none"> A-coded 5-poles female > female male > male <p>M8 > M12</p> <ul style="list-style-type: none"> M8 female > M12 male 3-, 4-poles <p>M8 > M8</p> <ul style="list-style-type: none"> 3-pol. female > 4-pol. male 4-pol. female > 3-pol. male <p>M12 > Valve connector</p> <ul style="list-style-type: none"> A-coded, 5-poles > housing style A 24V/4A 2+PE jumpered without protection circuit 24V/4A 2+PE jumpered with suppressor diode 24V/4A 3+PE Litze without protection circuit 60V/4A 2+PE jumpered without protection circuit <ul style="list-style-type: none"> Good media- and temperature resistance IP65 IP67 IP68 	<p>M12 + M12 push-pull A-coded</p> <ul style="list-style-type: none"> Ports/poles count: 4, 6, 8 / 3+PE, 4+PE-poles Exit/poles count: fixed cable connection (PUR), Top, Front: M23 /12-, 19-poles <p>M8</p> <ul style="list-style-type: none"> Ports/poles count: 4, 8, 10 / 3-, 4-poles Exit/poles count: fixed cable connection (PUR), Top: M12 / 8-, 12-poles optional passive circuit logic 4xAND, 8xAND, 2x4 AND <p>Ø8mm snap</p> <ul style="list-style-type: none"> Ports/poles count: 4, 10 / 3-, 4-poles Exit/poles count: Top, M12: 8-, 12-poles Fixed cable connections two cable qualities <ul style="list-style-type: none"> Good media- and temperature resistance IP65 IP67 IP68 Protective caps, protective plugs, marking accessories 	<ul style="list-style-type: none"> Single- double-ended cordsets 24V/4A 230V/4A with/without protection circuit Circuit: 2+PE 2+PE jumpered 3+PE 3+PE wire-connection LED-Version <p>Housing style A</p> <ul style="list-style-type: none"> Angled straight straight with grip body with thread for protective hose double-valve connector <p>Housing style B/BI</p> <ul style="list-style-type: none"> Angled <p>Housing style C/CI</p> <ul style="list-style-type: none"> Angled <ul style="list-style-type: none"> 3 cable qualities PUR/PVC good media- and temperature resistance IP65 IP67 IP68 Protective hoses, Color rings, Marking accessories