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M12 Field BUS cables

Suitable for all common field bus systems, halogen-free and designed as C-track suitable for industrial use.
Special lengths and angled connector styles can be supplied on request

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
475300.0200	STG4-M12/PN 2M-PUR		M 12×1	4	M 12 Male Straight	Line end open	2.0	
475300.0500	STG4-M12/PN 5M-PUR		M 12×1	4	M 12 Male Straight	Line end open	5.0	
475300.1000	STG4-M12/PN 10M-PUR		M 12×1	4	M 12 Male Straight	Line end open	10.0	
475300.1500	STG4-M12/PN 15M-PUR		M 12×1	4	M 12 Male Straight	Line end open	15.0	
475300.2000	STG4-M12/PN 20M-PUR		M 12×1	4	M 12 Male Straight	Line end open	20.0	
475400.0030	STG4-M12/STG4-M12/PN 0.3M PUR		M 12×1	4	M 12 Male Straight	M 12 Male Straight	0.3	
475400.0060	STG4-M12/STG4-M12/PN 0.6M PUR		M 12×1	4	M 12 Male Straight	M 12 Male Straight	0.6	
475400.0100	STG4-M12/STG4-M12/PN 1.0M PUR		M 12×1	4	M 12 Male Straight	M 12 Male Straight	1.0	
475400.0150	STG4-M12/STG4-M12/PN		M 12×1	4	M 12 Male Straight	M 12 Male Straight	1.5	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
	1.5M PUR							
475400.0200	STG4- M12/STG4- M12/PN 2.0M PUR		M 12×1	4	M 12 Male Straight	M 12 Male Straight	2.0	
475400.0500	STG4- M12/STG4- M12/PN 5.0M PUR		M 12×1	4	M 12 Male Straight	M 12 Male Straight	5.0	
475400.1500	STG4- M12/STG4- M12/PN 15.0M PUR		M 12×1	4	M 12 Male Straight	M 12 Male Straight	15.0	
475400.2000	STG4- M12/STG4- M12/PN 20.0M PUR		M 12×1	4	M 12 Male Straight	M 12 Male Straight	20.0	

Network cables

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
192013.0030	STG4-RJ45/STG4-M12/PN PUR 0.3M			4	RJ45 Male Straight	M 12 Male Straight	0.3	Cat.5
192013.0060	STG4-RJ45/STG4-M12/PN PUR 0.6M			4	RJ45 Male Straight	M 12 Male Straight	0.6	Cat.5
192013.0100	STG4-RJ45/STG4-M12/PN PUR 1.0M			4	RJ45 Male Straight	M 12 Male Straight	1.0	Cat.5
192013.0150	STG4-RJ45/STG4-M12/PN PUR 1.5M			4	RJ45 Male Straight	M 12 Male Straight	1.5	Cat.5
192013.0200	STG4-RJ45/STG4-M12/PN PUR 2.0M			4	RJ45 Male Straight	M 12 Male Straight	2.0	Cat.5
192013.0500	STG4-RJ45/STG4-M12/PN PUR 5.0M			4	RJ45 Male Straight	M 12 Male Straight	5.0	Cat.5
192013.1000	STG8-RJ45/STG4-M12/PN CAT5 10.0M PUR			4	RJ45 Male Straight	M 12 Male Straight	10.0	Cat.5
192013.1500	STG4-RJ45/STG4-M12/PN PUR 15.0M			4	RJ45 Male Straight	M 12 Male Straight	15.0	Cat.5

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
192013.2000	STG4- RJ45/STG4- M12/PN PUR 20.0M			4	RJ45 Male Straight	M 12 Male Straight	20.0	Cat.5
192014.0030	STG4- RJ45/STG4- M12/PN PVC 0.3M			4	RJ45	M 12	0.3	Cat.5
192014.0060	STG4- RJ45/STG4- M12/PN PVC 0.6M			4	RJ45	M 12	0.6	Cat.5
192014.0100	STG4- RJ45/STG4- M12/PN PVC 1.0M			4	RJ45	M 12	1.0	Cat.5
192014.0150	STG4- RJ45/STG4- M12/PN PVC 1.5M			4	RJ45	M 12	1.5	Cat.5
192014.0200	STG4- RJ45/STG4- M12/PN PVC 2.0M			4	RJ45	M 12	2.0	Cat.5
192014.0500	STG4- RJ45/STG4- M12/PN PVC 5.0M			4	RJ45	M 12	5.0	Cat.5
192014.1000	STG4- RJ45/STG4- M12/PN PVC 10.0M			4	RJ45	M 12	10.0	Cat.5
192014.1500	STG4- RJ45/STG4-			4	RJ45	M 12	15.0	Cat.5

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
	M12/PN PVC 15.0M							
192014.2000	STG4- RJ45/STG4- M12/PN PVC 20.0M			4	RJ45	M 12	20.0	Cat.5
192015.0030	STG4- RJ45/STG4- RJ45/PN PUR 0.3M			4	RJ45 Male Straight	RJ45 Male Straight	0.3	Cat.5
192015.0060	STG4- RJ45/STG4- RJ45/PN PUR 0.6M			4	RJ45 Male Straight	RJ45 Male Straight	0.6	Cat.5
192015.0100	STG4- RJ45/STG4- RJ45/PN PUR 1.0M			4	RJ45 Male Straight	RJ45 Male Straight	1.0	Cat.5
192015.0150	STG4- RJ45/STG4- RJ45/PN PUR 1.5M			4	RJ45 Male Straight	RJ45 Male Straight	1.5	Cat.5
192015.0200	STG4- RJ45/STG4- RJ45/PN PUR 2.0M			4	RJ45 Male Straight	RJ45 Male Straight	2.0	Cat.5
192015.0500	STG8- RJ45/STG8- RJ45/PN 5.0M PUR			4	RJ45 Male Straight	RJ45 Male Straight	5.0	Cat.5
192015.1000	STG8- RJ45/STG8- RJ45/PN CAT5 10.0M PUR			4	RJ45 Male Straight	RJ45 Male Straight	10.0	Cat.5

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
192015.1500	STG8- RJ45/STG8- RJ45/PN 15.0M PUR			4	RJ45 Male Straight	RJ45 Male Straight	15.0	Cat.5
192015.2000	STG8- RJ45/STG8- RJ45/PN 20.0M PUR			4	RJ45 Male Straight	RJ45 Male Straight	20.0	Cat.5
192016.0030	STG4- RJ45/STG4- RJ45/PN PVC 0.3M			4	RJ45 Male Straight	RJ45 Male Straight	0.3	Cat.5
192016.0060	STG4- RJ45/STG4- RJ45/PN PVC 0.6M			4	RJ45 Male Straight	RJ45 Male Straight	0.6	Cat.5
192016.0100	STG4- RJ45/STG4- RJ45/PN PVC 1.0M			4	RJ45 Male Straight	RJ45 Male Straight	1.0	Cat.5
192016.0150	STG4- RJ45/STG4- RJ45/PN PVC 1.5M			4	RJ45 Male Straight	RJ45 Male Straight	1.5	Cat.5
192016.0200	STG4- RJ45/STG4- RJ45/PN PVC 2.0M			4	RJ45 Male Straight	RJ45 Male Straight	2.0	Cat.5
192016.0500	STG4- RJ45/STG4- RJ45/PN PVC 5.0M			4	RJ45 Male Straight	RJ45 Male Straight	5.0	Cat.5

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
192016.1000	STG4- RJ45/STG4- RJ45/PN PVC 10.0M			4	RJ45 Male Straight	RJ45 Male Straight	10.0	Cat.5
192016.1500	STG4- RJ45/STG4- RJ45/PN PVC 15.0M			4	RJ45 Male Straight	RJ45 Male Straight	15.0	Cat.5
192016.2000	STG4- RJ45/STG4- RJ45/PN PVC 20.0M			4	RJ45 Male Straight	RJ45 Male Straight	20.0	Cat.5
192017.0030	STG8- RJ45/STG8- RJ45/ET PUR 0.3M			8	RJ45 Male Straight	RJ45 Male Straight	0.3	Cat.5e
192017.0060	STG8- RJ45/STG8- RJ45/ET PUR 0.6M			8	RJ45 Male Straight	RJ45 Male Straight	0.6	Cat.5e
192017.0100	STG8- RJ45/STG8- RJ45/ET PUR 1.0M			8	RJ45 Male Straight	RJ45 Male Straight	1.0	Cat.5e
192017.0150	STG8- RJ45/STG8- RJ45/ET PUR 1.5M			8	RJ45 Male Straight	RJ45 Male Straight	1.5	Cat.5e
192017.0200	STG8- RJ45/STG8- RJ45/ET PUR 2.0M			8	RJ45 Male Straight	RJ45 Male Straight	2.0	Cat.5e
192017.0500	STG8- RJ45/STG8-			8	RJ45 Male	RJ45 Male	5.0	Cat.5e

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
	RJ45/ET PUR 5.0M				Straight	Straight		
192017.1000	STG8- RJ45/STG8- RJ45/ET PUR 10.0M			8	RJ45 Male Straight	RJ45 Male Straight	10.0	Cat.5e
192017.1500	STG8- RJ45/STG8- RJ45/ET PUR 15.0M			8	RJ45 Male Straight	RJ45 Male Straight	15.0	Cat.5e
192017.2000	STG8- RJ45/STG8- RJ45/ET PUR 20.0M			8	RJ45 Male Straight	RJ45 Male Straight	20.0	Cat.5e
192018.0030	STG8- RJ45/STG8- RJ45/ET PVC 0.3M			8	RJ45 Male Straight	RJ45 Male Straight	0.3	Cat.5e
192018.0060	STG8- RJ45/STG8- RJ45/ET PVC 0.6M			8	RJ45 Male Straight	RJ45 Male Straight	0.6	Cat.5e
192018.0100	STG8- RJ45/STG8- RJ45/ET PVC 1.0M			8	RJ45 Male Straight	RJ45 Male Straight	1.0	Cat.5e
192018.0150	STG8- RJ45/STG8- RJ45/ET PVC 1.5M			8	RJ45 Male Straight	RJ45 Male Straight	1.5	Cat.5e
192018.0200	STG8- RJ45/STG8- RJ45/ET PVC 2.0M			8	RJ45 Male Straight	RJ45 Male Straight	2.0	Cat.5e

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
192018.0500	STG8- RJ45/STG8- RJ45/ET PVC 5.0M			8	RJ45 Male Straight	RJ45 Male Straight	5.0	Cat.5e
192018.1000	STG8- RJ45/STG8- RJ45/ET PVC 10.0M			8	RJ45 Male Straight	RJ45 Male Straight	10.0	Cat.5e
192018.1500	STG8- RJ45/STG8- RJ45/ET PVC 15.0M			8	RJ45 Male Straight	RJ45 Male Straight	15.0	Cat.5e
192018.2000	STG8- RJ45/STG8- RJ45/ET PVC 20.0M			8	RJ45 Male Straight	RJ45 Male Straight	20.0	Cat.5e
192766.0030	STG8- RJ45/STG8- RJ45/ET CAT6 PUR GN 0.3M			8	RJ45 Male Straight	RJ45 Male Straight	0.3	Cat.6
192766.0060	STG8- RJ45/STG8- RJ45/ET CAT6 PUR GN 0.6M			8	RJ45 Male Straight	RJ45 Male Straight	0.6	Cat.6
192766.0100	STG8- RJ45/STG8- RJ45/ET CAT6 PUR GN 1.0M			8	RJ45 Male Straight	RJ45 Male Straight	1.0	Cat.6
192766.0150	STG8- RJ45/STG8- RJ45/ET CAT6 PUR GN 1.5M			8	RJ45 Male Straight	RJ45 Male Straight	1.5	Cat.6

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
192766.0200	STG8- RJ45/STG8- RJ45/ET CAT6 PUR GN 2.0M			8	RJ45 Male Straight	RJ45 Male Straight	2.0	Cat.6
192766.0500	STG8- RJ45/STG8- RJ45/ET CAT6 PUR GN 5.0M			8	RJ45 Male Straight	RJ45 Male Straight	5.0	Cat.6
192766.1000	STG8- RJ45/STG8- RJ45/ET CAT6 PUR GN 10.0M			8	RJ45 Male Straight	RJ45 Male Straight	10.0	Cat.6
192766.1500	STG8- RJ45/STG8- RJ45/ET CAT6 PUR GN 15.0M			8	RJ45 Male Straight	RJ45 Male Straight	15.0	Cat.6
192766.2000	STG8- RJ45/STG8- RJ45/ET CAT6 PUR GN 20.0M			8	RJ45 Male Straight	RJ45 Male Straight	20.0	Cat.6

M8–M12 actuator-sensor cables

All variants are halogen-free and C-track suitable with protection classes of IP67 to IP 69K. Supplied in the different styles 3,8-pole, straight and angled, shielded or unshielded. Special lengths and variants on request

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
410003	STG4-M8/KUG4-M8 0.3m PUR		M 8×1	4	M 8 Male Straight	M 8 Female Straight	0.3	
410006	STG4-M8/KUG4-M8 0.6m PUR		M 8×1	4	M 8 Male Straight	M 8 Female Straight	0.6	
410010	STG4-M8/KUG4-M8 1.0m PUR		M 8×1	4	M 8 Male Straight	M 8 Female Straight	1.0	
410015	STG4-M8/KUG4-M8 1.5m PUR		M 8×1	4	M 8 Male Straight	M 8 Female Straight	1.5	
410020	STG4-M8/KUG4-M8 2.0m PUR		M 8×1	4	M 8 Male Straight	M 8 Female Straight	2.0	
410050	STG4-M8/KUG4-M8 5.0m PUR		M 8×1	4	M 8 Male Straight	M 8 Female Straight	5.0	
415020	KUG4-M8 2.0M PUR		M 8×1	4	M 8 Female Straight	Line end open	2.0	
415050	KUG4-M8 5.0M PUR		M 8×1	4	M 8 Female Straight	Line end open	5.0	
415100	KUG4-M8 10.0M PUR		M 8×1	4	M 8 Female Straight	Line end open	10.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
416020	KUW4-M8 2.0M PUR		M 8×1	4	M 8 Female Angle connector	Line end open	2.0	
416050	KUW4-M8 5.0M PUR		M 8×1	4	M 8 Female Angle connector	Line end open	5.0	
416100	KUW4-M8 10.0M PUR		M 8×1	4	M 8 Female Angle connector	Line end open	10.0	
418003	STG4- M12/KUW4- M12 0.3M PUR		M 12×1/M 12×1	4	M 12 Male Straight	M 12 Female Angle connector	0.3	
418006	STG4- M12/KUW4- M12 0.6M PUR		M 12×1/M 12×1	4	M 12 Male Straight	M 12 Female Angle connector	0.6	
418010	STG4- M12/KUW4- M12 1.0M PUR		M 12×1/M 12×1	4	M 12 Male Straight	M 12 Female Angle connector	1.0	
418015	STG4- M12/KUW4- M12 1.5M PUR		M 12×1/M 12×1	4	M 12 Male Straight	M 12 Female Angle connector	1.5	
418020	STG4- M12/KUW4- M12 2.0M PUR		M 12×1/M 12×1	4	M 12 Male Straight	M 12 Female Angle connector	2.0	
418050	STG4- M12/KUW4- M12 5.0M PUR		M 12×1/M 12×1	4	M 12 Male Straight	M 12 Female Angle connector	5.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
420003	STG8- M12/KUG8- M12 0.3M PUR		M 12×1	8	M 12 Male Straight	M 12 Female Straight	0.3	
420006	STG8- M12/KUG8- M12 0.6M PUR		M 12×1	8	M 12 Male Straight	M 12 Female Straight	0.6	
420010	STG8- M12/KUG8- M12 1.0M PUR		M 12×1	8	M 12 Male Straight	M 12 Female Straight	1.0	
420015	STG8- M12/KUG8- M12 1.5M PUR		M 12×1	8	M 12 Male Straight	M 12 Female Straight	1.5	
420020	STG8- M12/KUG8- M12 2.0M PUR		M 12×1	8	M 12 Male Straight	M 12 Female Straight	2.0	
420050	STG8- M12/KUG8- M12 5.0M		M 12×1	8	M 12 Male Straight	M 12 Female Straight	5.0	
429003	PUR STG4- M12/KUG4- M12 0.3M		M 12×1	4	M 12 Male Straight	M 12 Female Straight	0.3	
429006	PUR STG4- M12/KUG4- M12		M 12×1	4	M 12 Male Straight	M 12 Female Straight	0.6	
429010	0.6mPUR STG4- M12/KUG4- M12 1.0M PUR		M 12×1	4	M 12 Male Straight	M 12 Female Straight	1.0	
429015	STG4- M12/KUG4- M12 1.5M PUR		M 12×1	4	M 12 Male Straight	M 12 Female Straight	1.5	
429020	STG4- M12/KUG4-		M 12×1	4	M 12 Male	M 12 Female	2.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
	M12 2.0M PUR				Straight	Straight		
429050	STG4-M12/KUG4-M12 5.0M PUR		M 12×1	4	M 12 Male Straight	M 12 Female Straight	5.0	
435003	STG3-M12/LZ-A 0.3M PUR		M 12×1 - A (18 mm)	3	M 12 Male Straight	Valve connector form A	0.3	
435006	STG3-M12/LZ-A 0.6M PUR		M 12×1 - A (18 mm)	3	M 12 Male Straight	Valve connector form A	0.6	
435010	STG3-M12/LZ-A 1.0M PUR		M 12×1 - A (18 mm)	3	M 12 Male Straight	Valve connector form A	1.0	
435015	STG3-M12/LZ-A 1.5M PUR		M 12×1 - A (18 mm)	3	M 12 Male Straight	Valve connector form A	1.5	
435020	STG3-M12/LZ-A 2.0M PUR		M 12×1 - A (18 mm)	3	M 12 Male Straight	Valve connector form A	2.0	
435050	STG3-M12/LZ-A 5.0M PUR		M 12×1 - A (18 mm)	3	M 12 Male Straight	Valve connector form A	5.0	
439003	STG3-M12/LZ-BI 0° 0.3M PUR		M 12×1 - BI Ind. (11 mm)	3	M 12 Male Straight	Valve connector form B Ind.	0.3	
439006	STG3-M12/LZ-BI 0° 0.6M PUR		M 12×1 - BI Ind. (11 mm)	3	M 12 Male Straight	Valve connector form B Ind.	0.6	
439010	STG3-M12/LZ-BI		M 12×1 - BI	3	M 12 Male	Valve connector	1.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
	0° 1.0M PUR		Ind. (11 mm)		Straight	form B Ind.		
439015	STG3-M12/LZ-BI 0° 1.5M PUR		M 12×1 - BI Ind. (11 mm)	3	M 12 Male Straight	Valve connector form B Ind.	1.5	
439020	STG3-M12/LZ-BI 0° 2.0M PUR		M 12×1 - BI Ind. (11 mm)	3	M 12 Male Straight	Valve connector form B Ind.	2.0	
439050	STG3-M12/LZ-BI 0° 5.0M PUR		M 12×1 - BI Ind. (11 mm)	3	M 12 Male Straight	Valve connector form B Ind.	5.0	
442003	STG5-M12/KUG5-M12 0.3M PUR		M 12×1	5	M 12 Male Straight	M 12 Female Straight	0.3	
442006	STG5-M12/KUG5-M12 0.6M PUR		M 12×1	5	M 12 Male Straight	M 12 Female Straight	0.6	
442010	STG5-M12/KUG5-M12 1.0M PUR		M 12×1	5	M 12 Male Straight	M 12 Female Straight	1.0	
442015	STG5-M12/KUG5-M12 1.5M PUR		M 12×1	5	M 12 Male Straight	M 12 Female Straight	1.5	
442020	STG5-M12/KUG5-M12 2.0M PUR		M 12×1	5	M 12 Male Straight	M 12 Female Straight	2.0	
442050	STG5-M12/KUG5-		M 12×1	5	M 12 Male	M 12 Female	5.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
	M12 5.0M PUR				Straight	Straight		
443020	KUW5-M12 2M PUR		M 12×1	5	M 12 Female Angle connector	Line end open	2.0	
443050	KUW5-M12 5M PUR		M 12×1	5	M 12 Female Angle connector	Line end open	5.0	
443100	KUW5-M12 10M PUR		M 12×1	5	M 12 Female Angle connector	Line end open	10.0	
447020	STG4-M8 2M PUR		M 8×1	4	M 8 Male Straight	Line end open	2.0	
447050	STG4-M8 5M PUR		M 8×1	4	M 8 Male Straight	Line end open	5.0	
447100	STG4-M8 10M PUR		M 8×1	4	M 8 Male Straight	Line end open	10.0	
456202	STG5- M12(C)2m PUR		M 12×1	5	M 12 Male Straight	Line end open	2.0	
456205	STG5- M12(C)5m PUR		M 12×1	5	M 12 Male Straight	Line end open	5.0	
456210	STG5- M12(C)		M 12×1	5	M 12 Male	Line end open	10.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
	10m PUR				Straight			
456402	KUG4-M12(C) 2m PUR		M 12×1	4	M 12 Female Straight	Line end open	2.0	
456405	KUG4-M12(C) 5m PUR		M 12×1	4	M 12 Female Straight	Line end open	5.0	
456410	KUG4-M12(C) 10m PUR		M 12×1	4	M 12 Female Straight	Line end open	10.0	
456502	KUG5-M12(C) 2m PUR		M 12×1	5	M 12 Female Straight	Line end open	2.0	
456505	KUG5-M12(C) 5m PUR		M 12×1	5	M 12 Female Straight	Line end open	5.0	
456510	KUG5-M12(C) 10m PUR		M 12×1	5	M 12 Female Straight	Line end open	10.0	
456702	KUW4-M12(C) 2m PUR		M 12×1	4	M 12 Female Angle connector	Line end open	2.0	
456705	KUW4-M12(C) 5m PUR		M 12×1	4	M 12 Female Angle connector	Line end open	5.0	
456710	KUW4-M12(C) 10m PUR		M 12×1	4	M 12 Female Angle connector	Line end open	10.0	
456802	KUW5-M12(C) 2m PUR		M 12×1	5	M 12 Female Angle connector	Line end open	2.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
456805	KUW5-M12(C) 5m PUR		M 12×1	5	M 12 Female Angle connector	Line end open	5.0	
456810	KUW5-M12(C) 10m PUR		M 12×1	5	M 12 Female Angle connector	Line end open	10.0	
458302	KUG3-M8(C) 2M PUR		M 8×1	3	M 8 Female Straight	Line end open	2.0	
458305	KUG3-M8(C) 5M PUR		M 8×1	3	M 8 Female Straight	Line end open	5.0	
458310	KUG3-M8(C) 10M PUR		M 8×1	3	M 8 Female Straight	Line end open	10.0	
458402	KUG4-M8(C) 2.0M PUR		M 8×1	4	M 8 Female Straight	Line end open	2.0	
458405	KUG4-M8(C) 5.0M PUR		M 8×1	4	M 8 Female Straight	Line end open	5.0	
458410	KUG4-M8(C) 10M PUR		M 8×1	4	M 8 Female Straight	Line end open	10.0	
458702	STG8-M12(C) 2M PUR		M 12×1	8	M 12 Male Straight	Line end open	2.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
458705	STG8-M12(C) 5M PUR		M 12×1	8	M 12 Male Straight	Line end open	5.0	
458710	STG8-M12(C) 10M PUR		M 12×1	8	M 12 Male Straight	Line end open	10.0	
458802	KUG8-M12(C) 2M PUR		M 12×1	8	M 12 Female Straight	Line end open	2.0	
458805	KUG8-M12(C) 5M PUR		M 12×1	8	M 12 Female Straight	Line end open	5.0	
458810	KUG8-M12(C) 10M PUR		M 12×1	8	M 12 Female Straight	Line end open	10.0	
458902	KUW8-M12(C) 2M PUR		M 12×1	8	M 12 Female Angle connector	Line end open	2.0	
458905	KUW8-M12(C) 5M PUR		M 12×1	8	M 12 Female Angle connector	Line end open	5.0	
458910	KUW8-M12(C) 10M PUR		M 12×1	8	M 12 Female Angle connector	Line end open	10.0	
462020	KUW3-M12 2M PUR		M 12×1	3	M 12 Female Angle connector	Line end open	2.0	
462050	KUW3-M12 5M PUR		M 12×1	3	M 12 Female Angle connector	Line end open	5.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
462100	KUW3-M12 10M PUR		M 12×1	3	M 12 Female Angle connector	Line end open	10.0	
464020	KUW4-M12 2M PUR		M 12×1	4	M 12 Female Angle connector	Line end open	2.0	
464050	KUW4-M12 5M PUR		M 12×1	4	M 12 Female Angle connector	Line end open	5.0	
464100	KUW4-M12 10M PUR		M 12×1	4	M 12 Female Angle connector	Line end open	10.0	
465020	KUG3-M12 2M PUR		M 12×1	3	M 12 Female Straight	Line end open	2.0	
465050	KUG3-M12 5M PUR		M 12×1	3	M 12 Female Straight	Line end open	5.0	
465100	KUG3-M12 10M PUR		M 12×1	3	M 12 Female Straight	Line end open	10.0	
466020	KUG4-M12 2M PUR		M 12×1	4	M 12 Female Straight	Line end open	2.0	
466050	KUG4-M12 5M PUR		M 12×1	4	M 12 Female Straight	Line end open	5.0	
466100	KUG4-M12 10M PUR		M 12×1	4	M 12 Female Straight	Line end open	10.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
468020	KUW/LED A-M12 2M PUR		M 12×1	3	M 12 Female Angle connector	Line end open	2.0	
468050	KUW/LED A-M12 5M PUR		M 12×1	3	M 12 Female Angle connector	Line end open	5.0	
468100	KUW/LED A-M12 10M PUR		M 12×1	3	M 12 Female Angle connector	Line end open	10.0	
469020	KUW/LED P-M12 2M PUR		M 12×1	4	M 12 Female Angle connector	Line end open	2.0	
469050	KUW/LED P-M12 5M PUR		M 12×1	4	M 12 Female Angle connector	Line end open	5.0	
469100	KUW/LED P-M12 10M PUR		M 12×1	4	M 12 Female Angle connector	Line end open	10.0	
471020	STG3-M12 2M PUR		M 12×1	3	M 12 Male Straight	Line end open	2.0	
471050	STG3-M12 5M PUR		M 12×1	3	M 12 Male Straight	Line end open	5.0	
471100	STG3-M12 10M PUR		M 12×1	3	M 12 Male Straight	Line end open	10.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
472020	STG4-M12 2M PUR		M 12×1	4	M 12 Male Straight	Line end open	2.0	
472050	STG4-M12 5M PUR		M 12×1	4	M 12 Male Straight	Line end open	5.0	
472100	STG4-M12 10M PUR		M 12×1	4	M 12 Male Straight	Line end open	10.0	
473020	STG5-M12 2M PUR		M 12×1	5	M 12 Male Straight	Line end open	2.0	
473050	STG5-M12 5M PUR		M 12×1	5	M 12 Male Straight	Line end open	5.0	
473100	STG5-M12 10M PUR		M 12×1	5	M 12 Male Straight	Line end open	10.0	
474020	KUW3-M8 2M PUR		M 8×1	3	M 8 Female Angle connector	Line end open	2.0	
474050	KUW3-M8 5M PUR		M 8×1	3	M 8 Female Angle connector	Line end open	5.0	
474100	KUW3-M8 10M PUR		M 8×1	3	M 8 Female Angle connector	Line end open	10.0	
475400.1000	STG4- M12/STG4- M12/PN 10.0M PUR		M 12×1	4	M 12 Male Straight	M 12 Male Straight	10.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
475500.1000	KUGE4-M12/PN 10M PUR		M 12×1	4	M 12 Female	Line end open	10.0	
477020	KUG5-M12 2M PUR		M 12×1	5	M 12 Female Straight	Line end open	2.0	
477050	KUG5-M12 5M PUR		M 12×1	5	M 12 Female Straight	Line end open	5.0	
477100	KUG5-M12 10M PUR		M 12×1	5	M 12 Female Straight	Line end open	10.0	
478020	KUG8-M12 2M PUR		M 12×1	8	M 12 Female Straight	Line end open	2.0	
478050	KUG8-M12 5M PUR		M 12×1	8	M 12 Female Straight	Line end open	5.0	
478100	KUG8-M12 10M PUR		M 12×1	8	M 12 Female Straight	Line end open	10.0	
479020	KUW8-M12 2M PUR		M 12×1	8	M 12 Female Angle connector	Line end open	2.0	
479050	KUW8-M12 5M PUR		M 12×1	8	M 12 Female Angle connector	Line end open	5.0	
479100	KUW8-M12 10M PUR		M 12×1	8	M 12 Female Angle connector	Line end open	10.0	
481020	KUG3-M8		M 8×1	3	M 8	Line end	2.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
	2M PUR				Female Straight	open		
481050	KUG3-M8 5M PUR		M 8×1	3	M 8 Female Straight	Line end open	5.0	
481100	KUG3-M8 10M PUR		M 8×1	3	M 8 Female Straight	Line end open	10.0	
482020	STG8-M12 2M PUR		M 12×1	8	M 12 Male Straight	Line end open	2.0	
482050	STG8-M12 5M PUR		M 12×1	8	M 12 Male Straight	Line end open	5.0	
482100	STG8-M12 10M PUR		M 12×1	8	M 12 Male Straight	Line end open	10.0	
486020	STG3-M8 2M PUR		M 8×1	3	M 8 Male Straight	Line end open	2.0	
486050	STG3-M8 5M PUR		M 8×1	3	M 8 Male Straight	Line end open	5.0	
486100	STG3-M8 10M PUR		M 8×1	3	M 8 Male Straight	Line end open	10.0	
487003	STG3- M8/KUG3- M8 0.3M PUR		M 8×1	3	M 8 Male Straight	M 8 Female Straight	0.3	
487006	STG3- M8/KUG3- M8 0.6M PUR		M 8×1	3	M 8 Male Straight	M 8 Female Straight	0.6	
487010	STG3- M8/KUG3-		M 8×1	3	M 8 Male Straight	M 8 Female	1.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
	M8 1.0M PUR					Straight		
487015	STG3-M8/KUG3-M8 1.5M PUR		M 8×1	3	M 8 Male Straight	M 8 Female Straight	1.5	
487020	STG3-M8/KUG3-M8 2.0M PUR		M 8×1	3	M 8 Male Straight	M 8 Female Straight	2.0	
487050	STG3-M8/KUG3-M8 5.0M PUR		M 8×1	3	M 8 Male Straight	M 8 Female Straight	5.0	
488003	STG3-M8/KUW3-M8 0.3M PUR		M 8×1	3	M 8 Male Straight	M 8 Female Angle connector	0.3	
488006	STG3-M8/KUW3-M8 0.6M PUR		M 8×1	3	M 8 Male Straight	M 8 Female Angle connector	0.6	
488010	STG3-M8/KUW3-M8 1.0M PUR		M 8×1	3	M 8 Male Straight	M 8 Female Angle connector	1.0	
488015	STG3-M8/KUW3-M8 1.5M PUR		M 8×1	3	M 8 Male Straight	M 8 Female Angle connector	1.5	
488020	STG3-M8/KUW3-M8 2.0M PUR		M 8×1	3	M 8 Male Straight	M 8 Female Angle connector	2.0	
488050	STG3-M8/KUW3-		M 8×1	3	M 8 Male Straight	M 8 Female	5.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
	M8 5.0M PUR					Angle connector		

Field attachable M8–M12 connector

Lütze provides a wide range of field attachable circular connectors, unshielded or shielded either with screw terminal adapter or with IDC-quick connection, and also for field bus uses.

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
490011	KUGK-M12 4POL. SK PG7	Screw terminal - Max. 0.75 mm ²	M 12 - Female - Straight	4	M 12 Female Straight			
490012	KUGK-M12 5pol. SK PG7	Screw terminal - Max. 0.75 mm ²	M 12 - Female - Straight	5	M 12 Female Straight			
490017	STGK-M12 4POL.SK PG7	Screw terminal - Max. 0.75 mm ²	M 12 - Male - Straight	4	M 12 Male Straight			
490018	STGK M12 5 POL. SK PG7	Screw terminal - Max. 0.75 mm ²	M 12 - Male - Straight	5	M 12 Male Straight			
490028	STGK-M12 4POL.SNK	Compliant terminal - IDC	M 12 - Male - Straight	4	M 12 Male Straight			
490029	KUGK-M12 4POL. SNK	Compliant terminal - IDC	M 12 - Female - Straight	4	M 12 Female Straight			
490035	STGK-M8 3 POL. SK	Screw terminal - 0.14 mm ² – 0.5 mm ²	M 8 - Male - Straight	3				
490037	KUGK-M8 3 POL. SK	Screw terminal - 0.14 mm ² – 0.5 mm ²	M 8 - Female - Straight	3				

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
490054	STGK8-M12(C) 8-POL. A-cod. SK	Screw terminal - Max. 0.75 mm ²	M 12 - Male - Straight	8	M 12 Male Straight			
490057	STGK-M8 4 POL. SK	Screw terminal - 0.14 mm ² – 0.5 mm ²	M 8 - Male - Straight	4				
490059	KUGK-M8 4 POL. SK	Screw terminal - 0.14 mm ² – 0.5 mm ²	M 8 - Female - Straight	4				
490070	STGK M12 8 POL. SK PG9	Screw terminal - Max. 0.5 mm ²	M 12 - Male - Straight	8	M 12 Male Straight			
490071	KUGK-M12 8POL. SK PG9	Screw terminal - Max. 0.5 mm ²	M 12 - Female - Straight	8	M 12 Female Straight			
490077	KUGK8-M12(C) 8-POL. A-cod. SK	Screw terminal - Max. 0.5 mm ²	M 12 - Female - Straight	8	M 12 Female Straight			
490123	STGK-M8 3 POL. SNK	IDC - 0.25 mm ² – 0.5 mm ²	M 8 - Male - Straight	3				
490124	STGK-M8 4POL. SNK	IDC - 0.25 mm ² – 0.5 mm ²	M 8 - Male - Straight	4				
490125	KUGK-M8 3 POL. SNK	IDC - 0.25 mm ² – 0.5 mm ²	M 8 - Female - Straight	3				
490126	KUGK-M8 4POL. SNK	IDC - 0.25 mm ² – 0.5 mm ²	M 8 - Female - Straight	4				

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
490167	STGK8-M12(C) 8pol. X-kod. Cat.6A	Compliant terminal - IDC	M 12	8	M 12			Cat.6 _A
490168	KUGK8-M12(C) 8pol. X-kod. Cat.6A	Compliant terminal - IDC	M 12	8	M 12			Cat.6 _A
490190	STGK-M12 4-POL-A FK	Spring terminal - Push-In	M 12 - Male - Straight	4				
490191	STGK-M12 5-POL-A FK	Spring terminal - Push-In	M 12 - Male - Straight	5				
490192	KUGK-M12 4-POL-A FK	Spring terminal - Push-In	M 12 - Female - Straight	4				
490193	KUGK-M12 5-POL-A FK	Spring terminal - Push-In	M 12 - Female - Straight	5				
490194	STWK-M12 4-POL-A FK	Spring terminal - Push-In	M 12 - Male - Angle connector	4				

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
490195	STWK-M12 5-POL-A FK	Spring terminal - Push-In	M 12 - Male - Angle connector	5				
490196	KUWK-M12 4-POL-A FK	Spring terminal - Push-In	M 12 - Female - Angle connector	4				
490197	KUWK-M12 5-POL-A FK	Spring terminal - Push-In	M 12 - Female - Angle connector	5				
490200	STGK5-M12 (C)-A FK	Spring terminal - Push-In	M 12 - Male - Straight	5				
490201	KUGK5-M12 (C)-A FK	Spring terminal - Push-In	M 12 - Female - Straight	5				
490202	STWK5-M12 (C)-A FK	Spring terminal - Push-In	M 12 - Male - Angle connector	5				
490203	KUWK5-M12 (C)-A FK	Spring terminal - Push-In	M 12 - Female - Angle connector	5				
490210	STGK2-M12 (C)-B FK	Spring terminal - Push-In	M 12 - Male - Straight	2				
490211	KUGK2-M12 (C)-B FK	Spring terminal - Push-In	M 12 - Female - Straight	2				

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
490212	STGK4-M12 (C)-D FK	Spring terminal - Push-In	M 12 - Male - Straight	4				
490213	KUGK4-M12 (C)-D FK	Spring terminal - Push-In	M 12 - Female - Straight	4				
490214	STWK4-M12 (C)-D FK	Spring terminal - Push-In	M 12 - Male - Angle connector	4				
490215	KUWK4-M12 (C)-D FK	Spring terminal - Push-In	M 12 - Female - Angle connector	4				
490026	AST M 12/2×M 12		M 12/M 12	5		M 12 Male M 12 Female M 12 Female		
490038	T-VERTEILER M12 AUF 2× M8		M 12/M 8	3		M 12 Male M 8 Female M 8 Female		

Field attachable RJ45 connector

Style for industrial applications in Cat5 or Cat6. No additional crimping tool is necessary. Efficient and fast installation. Even in use with the appropriate C-tracks (19 core) Lütze cables tested positive.

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
490174	RJ45-M 8pol. Cat.6A T568B	8-pole RJ45 - Push- through contacts - IDC	RJ45	8	RJ45 Straight Shielded			Cat.6 _A
490175	RJ45-M 8pol. Cat.6A T568A	8-pole RJ45 - Push- through contacts - IDC	RJ45	8	RJ45 Straight Shielded			Cat.6 _A
490176	RJ45-M 8pol. Cat.6A T568B AWG 26	8-pole RJ45 - Push- through contacts - IDC	RJ45	8	RJ45 Straight Shielded			Cat.6 _A
490177	RJ45-MS 4pol. PROFINET	4-pin RJ45 - Push- through contacts - IDC	RJ45	4	RJ45 Straight Shielded			Cat.5e
490178	RJ45-MR 4pol. PROFINET	4-pin RJ45 - Push- through contacts - IDC	RJ45 - Angle connector	4	RJ45 Angle connector Shielded			Cat.5e

Panel connector

For interfacing in the control panel or for control panel input, Lütze supplies different means of RJ45, USB, M12, M8 und LWL plug connections, whether as ethernet-connections or for other data standards.

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
475500.0200	KUGE4-M12/PN 2M PUR		M 12×1	4	M 12 Female		2.0	
475500.0500	KUGE4-M12/PN 5M PUR		M 12×1	4	M 12 Female		5.0	
490060	KUGE-M8 3pol. 0.5m Litze	M 8	M 8×1 - Female	3	M 8 Female Straight		0.5	
490061	KUGE-M8 4pol. 0.5m Litze	M 8	M 8×1 - Female	4	M 8 Female Straight		0.5	
490062	STGE-M8 3pol. 0.5m Litze	M 8	M 8×1 - Male	3	M 8 Male Straight		0.5	
490063	STGE-M8 4pol. 0.5m Litze	M 8	M 8×1 - Male	4	M 8 Male Straight		0.5	
490064	KUGE-M12 4pol. 0.5m Litze	M 16	M 12×1	4	M 12 Male Straight	M 12 Female Straight	0.5	
490065	KUGE-M12 5pol. 0.5m Litze	M 16	M 12×1	5	M 12 Female Straight		0.5	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
490066	KUGE-M12 8pol. 0.5m Litze	M 16	M 12×1	8	M 12 Male Straight	M 12 Female Straight	0.5	
490067	STGE-M12 4pol. 0.5m Litze	M 16	M 12×1	4	M 12 Male Straight		0.5	
490068	STGE-M12 5pol. 0.5m Litze	M 16	M 12×1	5	M 12 Male Straight		0.5	
490069	STGE-M12 8pol. 0.5m Litze	M 16	M 12×1	8	M 12 Male Straight	M 12 Female Straight	0.5	
490105	M12-RJ45 F/F 90° 4/4 Cat.5e		RJ45/M 12×1	4	RJ45 M 12 Female			Cat.5e
490106	Profinet M12-RJ45 F/F 180° 4/4 Cat.5e		RJ45/M 12×1	4	RJ45 M 12 Female			Cat.5e
490112	Profinet USB-3.0 A/A F/F		USB 3.0 - Female/female - Type A/A	9				
490113.0030	USB-3.0 A/A F/M 0.3m PVC		USB-A	9	USB 3.0 Female Type A	USB 3.0 Male Type A	0.3	
490113.0060	USB-3.0 A/A F/M 0.6m		USB-A	9	USB 3.0 Female Type A	USB 3.0 Male Type A	0.6	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
	PVC							
490113.0080	USB-3.0 A/A F/M 0.8m PVC		USB-A	9	USB 3.0 Female Type A	USB 3.0 Male Type A	0.8	
490113.0100	USB-3.0 A/A F/M 1.0m PVC		USB-A	9	USB 3.0 Female Type A	USB 3.0 Male Type A	1.0	
490113.0150	USB-3.0 A/A F/M 1.5m PVC		USB-A	9	USB 3.0 Female Type A	USB 3.0 Male Type A	1.5	
490113.0200	USB-3.0 A/A F/M 2.0m PVC		USB-A	9	USB 3.0 Female Type A	USB 3.0 Male Type A	2.0	
490113.0300	USB-3.0 A/A F/M 3.0m PVC		USB-A	9	USB 3.0 Female Type A	USB 3.0 Male Type A	3.0	
490113.0500	USB-3.0 A/A F/M 5.0m PVC		USB-A	9	USB 3.0 Female Type A	USB 3.0 Male Type A	5.0	
490128	RJ45-M 8pol.	8-pole RJ45 -	RJ45	8	RJ45 Straight			Cat.6 _A

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
	Cat.6A T568B	Push-through contacts - IDC			Shielded			
490129	RJ45-M 8pol. Cat.6A T568A	8-pole RJ45 - Push-through contacts - IDC	RJ45	8	RJ45 Straight Shielded			Cat.6 _A
490138	RJ45-M 8pol. Cat.6A T568B	8-pole RJ45 - Push-through contacts - IDC	RJ45	8	RJ45 Straight Shielded			Cat.6 _A
490151	AWG RJ45-26/19 MR 8pol. Cat.6A	contacts - 8-pole IDC RJ45 - Push-through	RJ45 - Angle connector	8	RJ45 Angle connector Shielded			Cat.6 _A
490152	T568B RJ45-MR 8pol. Cat.6A	contacts - 8-pole IDC RJ45 - Push-through	RJ45 - Angle connector	8	RJ45 Angle connector Shielded			Cat.6 _A
490153	T568A RJ45-MR 8pol. Cat.6A T568B AWG	contacts - 8-pole IDC RJ45 - Push-through contacts - IDC	RJ45 - Angle connector	8	RJ45 Angle connector Shielded			Cat.6 _A
490218	26/19 USB-3.0 A/A F/F KD		USB 3.0 - Female/female - Type A/A	9				
490230	M12-RJ45 F/F 90° 8/8 Cat.6A		RJ45/M 12×1	8	RJ45 M 12 Female			Cat.6 _A
490231	M12-RJ45 F/F 180° 8/8 Cat.6A		RJ45/M 12×1	8	RJ45 M 12 Female			Cat.6 _A

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
492075	RJ45 F/F 8/8 Cat.5e		RJ45	8	RJ45			Cat.5e
492076	RJ45 F/F 8/8 Cat.6A		RJ45	8	RJ45			Cat.6 _A
492077	RJ45 F/F 8/8 Cat.6A KD		RJ45	8	RJ45			Cat.6 _A
492078	RJ45 F/F 8/8 Cat.5e KD		RJ45	8	RJ45			Cat.5e
490219.0030	USB-3.0 A/A F/M 0.3m PVC KD		USB-A	9	USB 3.0 Female Type A	USB 3.0 Male Type A	0.3	
490219.0060	USB-3.0 A/A F/M 0.6m PVC KD		USB-A	9	USB 3.0 Female Type A	USB 3.0 Male Type A	0.6	
490219.0100	USB-3.0 A/A F/M 1.0m PVC KD		USB-A	9	USB 3.0 Female Type A	USB 3.0 Male Type A	1.0	
490219.0150	USB-3.0 A/A F/M 1.5m PVC KD		USB-A	9	USB 3.0 Female Type A	USB 3.0 Male Type A	1.5	
490219.0200	USB-3.0 A/A F/M 2.0m PVC KD		USB-A	9	USB 3.0 Female Type A	USB 3.0 Male Type A	2.0	

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
490219.0500	USB-3.0 A/A F/M 5.0m PVC KD		USB-A	9	USB 3.0 Female Type A	USB 3.0 Male Type A	5.0	
493077	RJ45 F/F 180° Cat.6A PC		RJ45	8	RJ45 Female	RJ45 Female		Cat.6 _A , Class EA
493079	RJ45 F/F 90° Cat.6A PC		RJ45	8	RJ45 Buchse	RJ45 Female		Cat.6 _A , Class EA
493080	RJ45 F/R 180° Cat.6A PC	Compliant terminal	RJ45	8	RJ45 Female	Cable can be assembled yourself / TIA 568B		Cat.6 _A , Class EA
493081.0060	RJ45 F/M 180° 0.6m LSZH CAT.6A PC		RJ45	8	RJ45 Female	RJ45 Male		Cat.6 _A , Class EA
493081.0150	RJ45 F/M 180° 1.5m LSZH CAT.6A PC		RJ45	8	RJ45 Female	RJ45 Male		Cat.6 _A , Class EA
493081.0300	RJ45 F/M 180° 3.0m LSZH CAT.6A PC		RJ45	8	RJ45 Female	RJ45 Male		Cat.6 _A , Class EA

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
493081.0500	RJ45 F/M 180° 5.0m LSZH CAT.6A PC		RJ45	8	RJ45 Female	RJ45 Male		Cat.6 _A , Class EA
493090	HDMI F/F 180° PC		HDMI 2.0	19	HDMI Type A female	HDMI Type A female		
493091	HDMI F/F 90° PC		HDMI 2.0	19	HDMI Type A female	HDMI Type A female		
493112	USB-3.0 A/A F/F 180° PC		USB 3.0	8	USB 3.0 Female Type A	USB 3.0 Female Type A		
493113.0050	USB-3.0 A/A F/M 180° 0.5m PVC PC		USB 3.0	8	USB 3.0 Female Type A	USB 3.0 Male Type A		
493113.0150	USB-3.0 A/A F/M 180° 1.5m PVC PC		USB 3.0	8	USB 3.0 Female Type A	USB 3.0 Male Type A		
493113.0300	USB-3.0 A/A F/M 180° 3.0m PVC PC		USB 3.0	8	USB 3.0 Female Type A	USB 3.0 Male Type A		
493114.0050	USB-3.0 A/A F/M 90° 0.5m PVC PC		USB 3.0	8	USB 3.0 Female Type A	USB 3.0 Male Type A		
493114.0150	USB-3.0 A/A F/M 90°		USB 3.0	8	USB 3.0 Female Type A	USB 3.0 Male Type A		

Part No.	Type	Connection type	Design	Pole number	Form male 1	Form male 2	Cable length (m)	Category
	1.5m PVC PC							
493114.0300	USB-3.0 A/A F/M 90° 3.0m PVC PC		USB 3.0	8	USB 3.0 Female Type A	USB 3.0 Male Type A		
493115	USB-3.0 A/A F/F 90° PC		USB 3.0	8	USB 3.0 Female Type A	USB 3.0 Female Type A		
493116	USB-3.0 B/A F/F 180° PC		USB 3.0	8	USB 3.0 Female Type B	USB 3.0 Female Type A		
493117	USB-3.0 A/B F/F 180° PC		USB 3.0	8	USB 3.0 Female Type A	USB 3.0 Female Type B		
493120	USB-3.1 C/C F/F 180° PC		USB 3.1 C	24	USB-C female	USB-C female		

Technical data sheet
Actuator sensor interface

Protective coverage
M12
Color: black



Identification

Type	SK M12 FUER BUCHSE
Part No.	499994

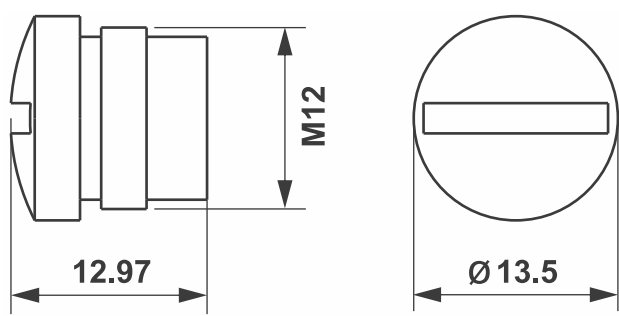
Product version

Datasheet version	00
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General

Flamability according to UL 94	V0
Housing material	PA
Color	black
Operation temperature range	-20 °C ... +80 °C
Storage temperature range	-20 °C ... +80 °C
Temperature range connector	-20 °C ... +80 °C
Connection type	M 12 × 1
Weight/unit	0.002 kg
PU (units)	100

Dimensions



Technical data sheet

Actuator sensor interface

Module holder, RJ45, female / IDC
For TS35 DIN rail
Cat.6A



Identification

Type	MDT-RJ45 F 8pol. Cat.6A TIA 568B
Part No.	490209

Product version

Datasheet version	02
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General

Design	RJ45 Female
Degree of pollution	1
Insulation resistance	>500 MΩ
Contact resistance	<20 mΩ
Flamability according to UL 94	V0
Degree of protection	IP20 (EN 60529)
Housing material	PC
Color of the housing	Grey
Contact material	CuSn, gold-plated
Strand diameter	0.9 mm – 1.6 mm
Cable diameter	max.9 mm
Operation temperature range	-40 °C ... +70 °C
Storage temperature range	-40 °C ... +70 °C
Dimensions (w × h × d)	18.0 mm × 70.5 mm × 65.7 mm
Mechanical service life	>750 insertion cycles
Cross-section, metric	0.14–0.75 mm ²
Cross-section AWG	27-22/7, 26-22/1

Technical data sheet
Actuator sensor interface

Connection type	Compliant terminal
Weight/unit	0.053 kg
PU (units)	1

Technical data

Rated voltage U_N	AC/DC 24 V
Max. Power PoE	30 W The following standards for PoE are met: IEEE 802.3af (PoE) IEEE 802.3at (PoE+)
Operating voltage max.	50 V
Rated current	≤ 1 A per contact
Pole number	8
Bandwidth	500 MHz
Transfer rate	10 Gbit/s
Category	Cat.6 _A
Contact type	IDC
Shielding	shielded

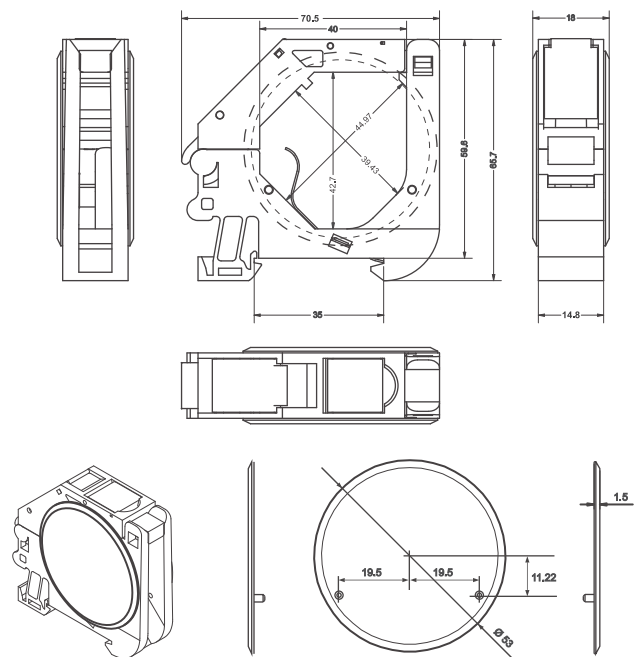
Certifications/Standards

Certifications	cULus Listed (E326112)
Standards	DIN EN 50173-1 Generic cabling systems UL 1863 UL Standard: Communications-Circuit Accessories IEC 60603-7-51 Cat.6 _A , Class E _A acc. ISO/IEC 11801 IEEE 802.3.1:2013 IEEE 802.3:2018 IEEE 802.3bt:2018

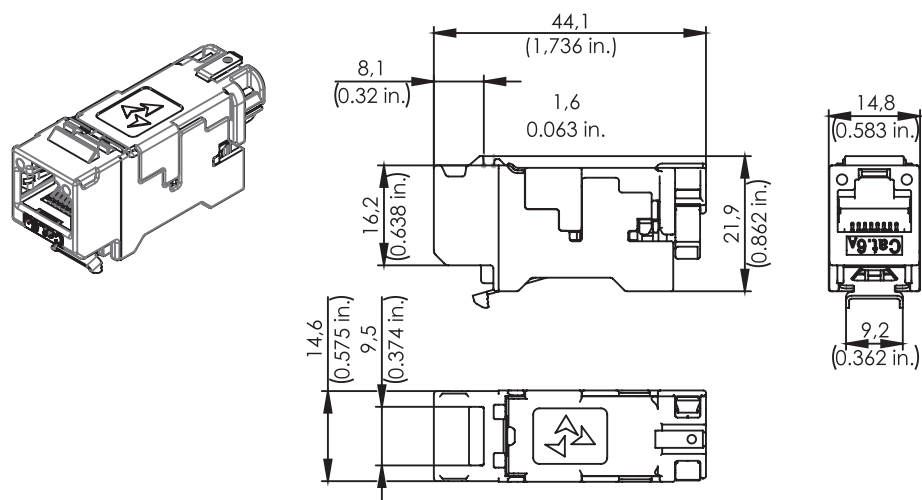
Notes and Comments

Comments	Suitable cables, see overview assignment Ethernet cables to connectors
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Dimensions



Dimensions



Connection assignment

RJ45

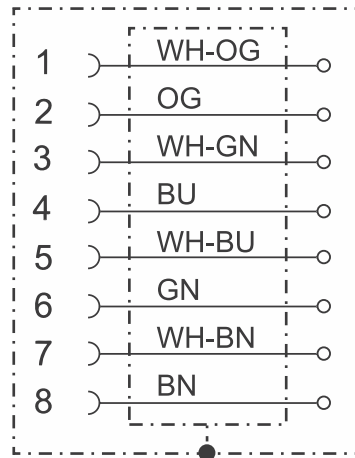
	TIA 568A	TIA 568 B	Profinet
1	WHGN	WHOG	YE
2	GN	OG	OG
3	WHOG	WHGN	WH
4	BU	BU	-
5	WHBU	WHBU	-
6	OG	GN	BU
7	WHBR	WHBR	-
8	BR	BR	-

Technical data sheet

Actuator sensor interface

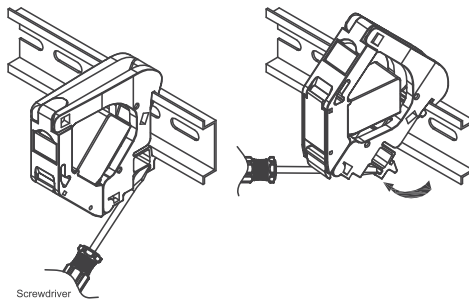
PIN assignment

RJ45 female
Ethernet T568B



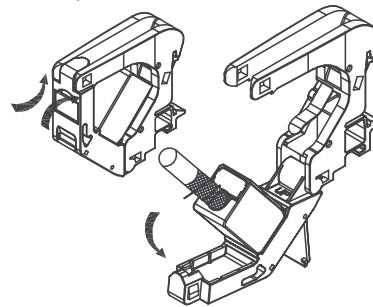
Use

Remove:



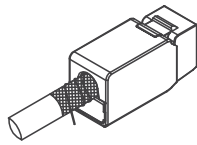
Insert a screwdriver into the opening at the bottom of the module and use it as a lever to pull out the module.

Open:

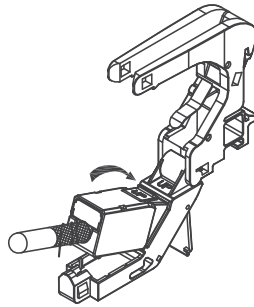


Use screwdrivers or fingers to open the poles at the top of the module.

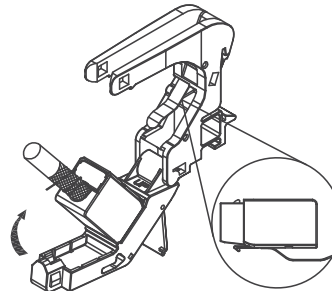
Mounting diagram



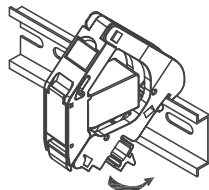
Step 1:
Properly terminate
a screened keystone
jack with screened
cable for DIN RAIL
grounding connection.



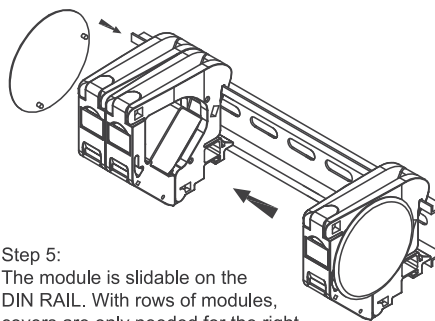
Step 2:
Insert the keystone jack
into DIN RAIL module,
make sure the jack latch
facing up.



Step 3:
Lock the module and
make sure the grounding
spring contacts the jack
to ensure grounding
connection.



Step 4:
Insert the DIN RAIL module
at the top and rotate to click.



Step 5:
The module is slidable on the
DIN RAIL. With rows of modules,
covers are only needed for the right
and left ends of the row.

Technical data sheet

Actuator sensor interface

Module holder, RJ45, female / IDC
For TS35 DIN rail
Cat.6A



Identification

Type	MDT-RJ45 F 8pol. Cat.6A TIA 568A
Part No.	490238

Product version

Datasheet version	03
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General

Design	RJ45 Female
Degree of pollution	1
Insulation resistance	>500 MΩ
Contact resistance	<20 mΩ
Flamability according to UL 94	V0
Degree of protection	IP20 (EN 60529)
Housing material	PC
Color of the housing	Grey
Color	grey
Contact material	CuSn, gold-plated
Strand diameter	0.9 mm – 1.6 mm
Cable diameter	9 mm
Operation temperature range	-40 °C ... +70 °C
Storage temperature range	-40 °C ... +70 °C
Dimensions (w × h × d)	18.0 mm × 70.5 mm × 65.7 mm
Mechanical service life	>750 insertion cycles
Cross-section, metric	0.14–0.75 mm ²

Technical data sheet
Actuator sensor interface

Cross-section AWG	27-22/7
Connection type	Compliant terminal AWG 27-22/7 AWG 26-22/1
Weight/unit	0.053 kg
PU (units)	1

Technical data

Rated voltage U _N	AC/DC 24 V
Max. Power PoE	30 W The following standards for PoE are met: IEEE 802.3af (PoE) IEEE 802.3at (PoE+)
Operating voltage max.	50 V
Rated current	≤1 A per contact
Pole number	8
Bandwidth	500 MHz
Transfer rate	10 Gbit/s
Category	Cat.6 _A
Contact type	IDC
Shielding	shielded

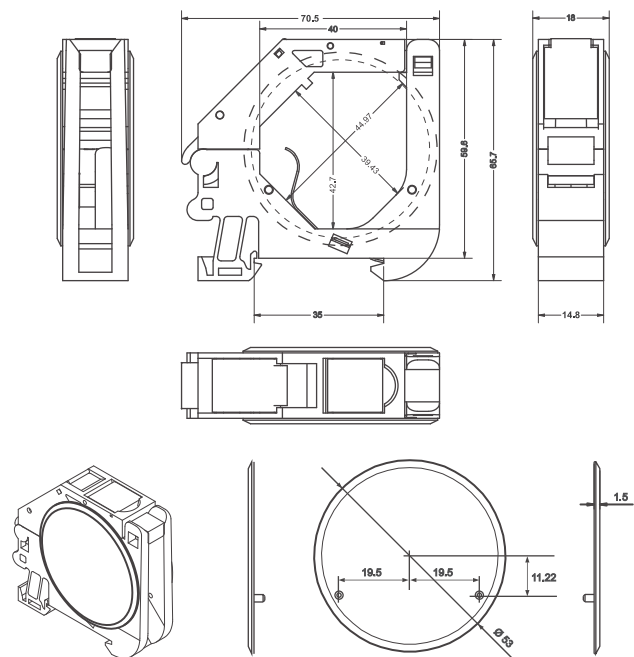
Certifications/Standards

Standards	ISO/IEC 11801 DIN EN 50173-1 Generic cabling systems IEEE 802.3.1:2013 IEEE 802.3:2018 IEEE 802.3bt:2018
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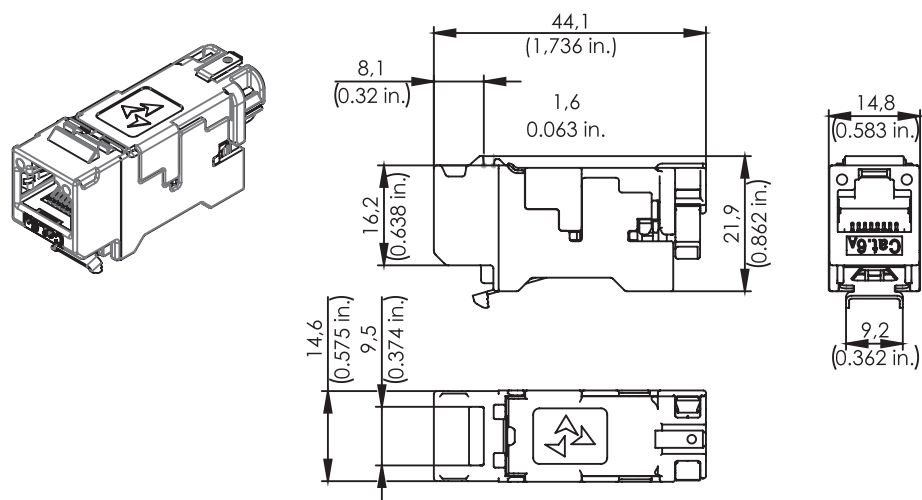
Notes and Comments

Comments	Suitable cables, see overview assignment Ethernet cables to connectors
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Dimensions



Dimensions



Connection assignment

RJ45

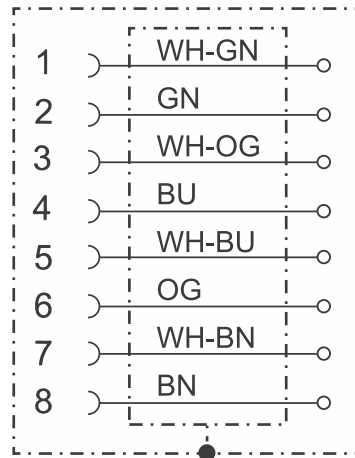
	TIA 568A	TIA 568 B	Profinet
1	WHGN	WHOG	YE
2	GN	OG	OG
3	WHOG	WHGN	WH
4	BU	BU	-
5	WHBU	WHBU	-
6	OG	GN	BU
7	WHBR	WHBR	-
8	BR	BR	-

Technical data sheet

Actuator sensor interface

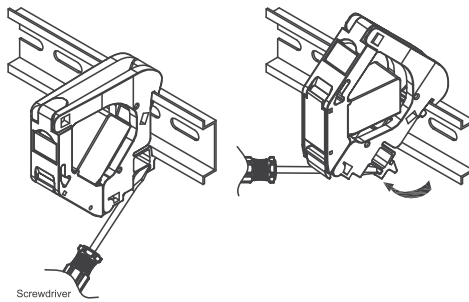
PIN assignment

RJ45 female
Ethernet T568A



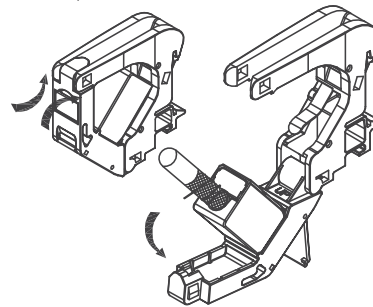
Use

Remove:



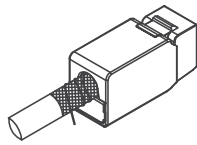
Insert a screwdriver into the opening at the bottom of the module and use it as a lever to pull out the module.

Open:

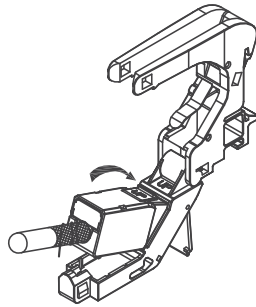


Use screwdrivers or ngers to open the poles at the top of the module.

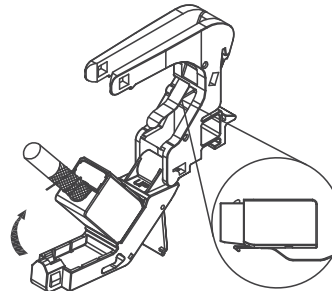
Mounting diagram



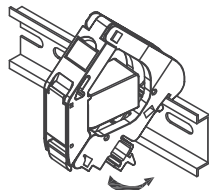
Step 1:
Properly terminate
a screened keystone
jack with screened
cable for DIN RAIL
grounding connection.



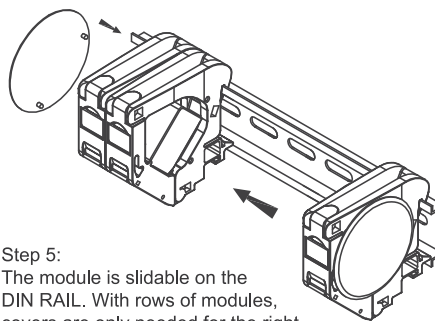
Step 2:
Insert the keystone jack
into DIN RAIL module,
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facing up.



Step 3:
Lock the module and
make sure the grounding
spring contacts the jack
to ensure grounding
connection.



Step 4:
Insert the DIN RAIL module
at the top and rotate to click.



Step 5:
The module is slidable on the
DIN RAIL. With rows of modules,
covers are only needed for the right
and left ends of the row.

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