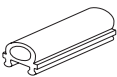
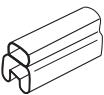
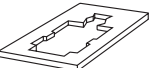
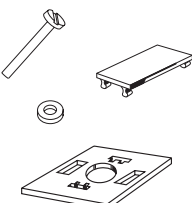
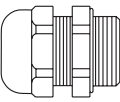
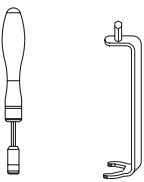


Label plates		Art.-No.	Suitable for
	ACS label holder, self marking for ADEMARK markers	7000-99003-000 0000	Valve plug, Form A, B, BI, C, CI
	Slip-on cable sleeves (for label plates 4 x 18 mm)	7000-99004-000 0000	Cable diameter 4.0...6.5 mm
	Snap-on cable sleeves (for label plates 4 x 18 mm)	7000-99005-000 0000 7000-99006-000 0000	Cable diameter 4.2...5.6 mm Cable diameter 5.0...7.0 mm
	ACS label plates, self marking 9 x 20 mm (Ask for more information about the appropriated and cost saving ACS computer labeling system)	7000-99001-000 0000	Valve plug, Form A, B, BI, C, CI
	ACS label plates, self marking 4 x 18 mm	7000-99002-000 0000	Cable sleeves on cable
Gaskets and screws		Art.-No.	Suitable for
	Silicon gasket Standard gasket, NBR	7000-99011-000 0000 7000-99012-000 0000	Valve plug, Form A Valve plug, Form A
	Silicon gasket Standard gasket, NBR	7000-99013-000 0000 7000-99014-000 0000	Valve plug, Form B, BI Valve plug, Form B, BI
	Accessories set Pack contents: 1 x Fixing screw 1 x Isolation washer 1 x Label plate 1 x Standard gasket	7000-99015-000 0000 7000-99016-000 0000 7000-99017-000 0000 7000-99018-000 0000 7000-99019-000 0000 7000-99020-000 0000	Valve plug, Form A Valve plug, Form A, field-wireable Valve plug, Form B, BI Valve plug, Form B, BI, field-wireable Valve plug, Form C Valve plug, Form CI
	Fixing screw Fixing screw	7000-99021-000 0000 7000-99022-000 0000	Valve plug, Form A Valve plug, Form A, B, BI, field-wireable
End fittings		Art.-No.	Suitable for
	Cable compression gland PG 9 gray black (Conduit on request)	7000-99025-000 0000 7000-99026-000 0000	Valve plug, Form A, B, BI, field-wireable Valve plug, Form A, B, BI, field-wireable
	Dynamometric screw driver for mounting key M8/M12 Mounting key M12 Mounting key M8	7000-99031-000 0000 7000-99030-000 0000 7000-99033-000 0000	Round plug connector M12 Round plug connector M12 Round plug connector M8

Round plug connector M8	with open ended wires			
	IP67	3-/4-pole, without PE	3-/4-pole, without PE, with LED	
Supply voltage	max. 60 V AC/DC	max. 30 V DC		
Current capacity	max. 4 A	max. 4 A		
Fixing	Screw thread M8 x 1 mm (torque = 0.6 Nm)			
Temperature range	-25...+85 °C			
Round plug connector M12	with open ended wires			
	IP67	3-/4-pole without PE	3-/4-/5-pole with PE	3-/4-/5-pole without PE, with LED
Supply voltage	max. 250 V AC/DC	max. 125 V AC/DC	max. 31 V DC	
Current capacity	max. 4 A	max. 4 A	max. 4 A	
Fixing	Screw thread M12 x 1 mm (torque = 0.6 Nm)			
Temperature range	-25...+85 °C			
Round plug connector M12	with open ended wires			Han-Brid®
	Cube67, Fieldbus cables	5-pole, A- and B-coded unshielded/shielded	6-pole unshielded/shielded	8-pole unshielded/shielded
Supply voltage	max. 24 V AC/DC	max. 24 V AC/DC	max. 24 V AC/DC	24 V AC/DC
Current capacity	max. 4 A	max. 4 A	max. 1,5 A	max. 10 A
Fixing	Screw thread M12 x 1 mm (torque = 0.6 Nm)			Snap-in
Temperature range	-25...+85 °C			
Round plug connector M16	with open ended wires			
	IP67	8-/10-/12-/14-pole		
Supply voltage	24 V AC/DC			
Current capacity	3 A			
Fixing	Screw thread M16 x 0.75 mm			
Temperature range	-25...+85 °C			
Round plug connector M23	with open ended wires			
	IP67	12-pole	19-pole	
Supply voltage	125 V AC/DC	125 V AC/DC		
Current capacity	7.5 A	7.5 A		
Fixing	Screw thread M23 x 1 mm			
Temperature range	-25...+85 °C			
Round plug connector 7/8"	with open ended wires			
	IP67	4-/5-pole	5-pole, shielded, with PE	
Supply voltage	600 V AC/DC	300 V AC/DC		
Current capacity	8 A	8 A		
Fixing	Screw thread 7/8"			
Temperature range	-20...+80 °C			
Notes	Plastic. Good resistance against chemicals and oils. The resistance to aggressive media should be individually proved for your application.			

Valve plug	with status indicator				without electronics	for pressure switches
	LED	LED and suppression (Z-diodes)		(Varistor)		
IP67						
Supply voltage	24 V AC/DC	24 V AC/DC	110 V AC/DC	230 V AC/DC	0...230 V AC/DC	24 V DC
Form	A (18 mm)	A (18 mm)	A (18 mm)	A (18 mm)	A (18 mm)	A (18 mm)
	B (10 mm)	B (10 mm)	B (10 mm)		B (10 mm)	
	BI (11 mm)	BI (11 mm)	BI (11 mm)		BI (11 mm)	
	C (8 mm)	C (8 mm)	C (8 mm)		C (8 mm)	
	CI (9.4 mm)	CI (9.4 mm)	CI (9.4 mm)		CI (9.4 mm)	
Suppression switch off spike	—	≥ 55 V	≥ 250 V	≥ 490 V	—	—
Switch off delay time	—	≥ 20 ms	≥ 20 ms	≥ 20 ms	—	—
Hold on current max.	4 A		1 A	0.5 A	10 A 6 A (Form C + CI)	4 A
Status indicator (LED)	yellow		yellow		—	red/green yellow/green
Current consumption	12 mA		5 mA		—	—
Housing color	Black (gray on request)					
Temperature range	-25...+85 °C					
Housing	Plastic. Good resistance against chemicals and oils. The resistance to aggressive media should be individually proved for your application.					

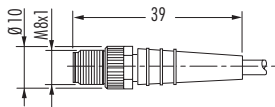
Cables			No. of wires/ -diameter	Wire isolation	Wires storage	Jacket	Outer- Ø	Mobile band radius	Temperature range	
yellow	gray	black	mm ²		mm		mm		°C	°C
010	210	610	3 x 0.25 mm ²	PVC (br, bl, bk)	32 x 0.1 mm	PVC	appr. 4.4	10 x outer-Ø	-30...+70	-5...+70
020	220	620	3 x 0.25 mm ²	PVC (br, bl, bk)	32 x 0.1 mm	PUR/PVC	appr. 4.4	10 x outer-Ø	-30...+70	-5...+70
030	230	630	3 x 0.25 mm ²	PP (br, bl, bk)	32 x 0.1 mm	PUR (UL/CSA)	appr. 4.1	10 x outer-Ø	-40...+80	-25...+80
050	250	650	3 x 0.25 mm ²	TPE (br, bl, bk)	32 x 0.1 mm	PUR irradiated	appr. 4.4	10 x outer-Ø	-40...+90	-30...+90
011	211	611	4 x 0.25 mm ²	PVC (br, wh, bl, bk)	32 x 0.1 mm	PVC	appr. 4.7	10 x outer-Ø	-30...+70	-5...+70
021	221	621	4 x 0.25 mm ²	PVC (br, wh, bl, bk)	32 x 0.1 mm	PUR/PVC	appr. 4.7	10 x outer-Ø	-30...+70	-5...+70
031	231	631	4 x 0.25 mm ²	PP (br, wh, bl, bk)	32 x 0.1 mm	PUR (UL/CSA)	appr. 4.4	10 x outer-Ø	-40...+80	-25...+80
051	251	651	4 x 0.25 mm ²	TPE (br, wh, bl, bk)	32 x 0.1 mm	PUR irradiated	appr. 4.7	10 x outer-Ø	-40...+90	-30...+90
013	213	613	3 x 0.34 mm ²	PVC (br, bl, bk)	19 x 0.1 mm	PVC	appr. 4.9	10 x outer-Ø	-30...+80	-5...+70
023	223	623	3 x 0.34 mm ²	PVC (br, bl, bk)	42 x 0.1 mm	PUR/PVC	appr. 4.9	10 x outer-Ø	-30...+80	-5...+70
033	233	633	3 x 0.34 mm ²	PP (br, bl, bk)	42 x 0.1 mm	PUR (UL/CSA)	appr. 4.3	10 x outer-Ø	-40...+80	-25...+80
053	253	653	3 x 0.34 mm ²	TPE (br, bl, bk)	42 x 0.1 mm	PUR irradiated	appr. 4.9	10 x outer-Ø	-40...+90	-30...+90
014	214	614	4 x 0.34 mm ²	PVC (br, wh, bl, bk)	19 x 0.1 mm	PVC	appr. 5.2	10 x outer-Ø	-30...+80	-5...+70
024	224	624	4 x 0.34 mm ²	PVC (br, wh, bl, bk)	42 x 0.1 mm	PUR/PVC	appr. 5.2	10 x outer-Ø	-30...+80	-5...+70
034	234	634	4 x 0.34 mm ²	PP (br, wh, bl, bk)	42 x 0.1 mm	PUR (UL/CSA)	appr. 4.7	10 x outer-Ø	-40...+80	-25...+80
054	254	654	4 x 0.34 mm ²	TPE (br, wh, bl, bk)	42 x 0.1 mm	PUR irradiated	appr. 5.2	10 x outer-Ø	-40...+90	-30...+90
015	215	615	5 x 0.34 mm ²	PVC (br, wh, bl, bk, gnye)	19 x 0.1 mm	PVC	appr. 5.9	10 x outer-Ø	-30...+80	-5...+70
025	225	625	5 x 0.34 mm ²	PVC (br, wh, bl, bk, gnye)	42 x 0.1 mm	PUR/PVC	appr. 5.9	10 x outer-Ø	-30...+80	-5...+70
035	235	635	5 x 0.34 mm ²	PP (br, wh, bl, bk, gnye)	42 x 0.1 mm	PUR (UL/CSA)	appr. 5.0	10 x outer-Ø	-40...+80	-25...+80
055	255	655	5 x 0.34 mm ²	TPE (br, wh, bl, bk, gnye)	42 x 0.1 mm	PUR irradiated	appr. 5.9	10 x outer-Ø	-40...+90	-30...+90
016	216	616	3 x 0.75 mm ²	PVC (bk, num., gnye)	24 x 0.2 mm	PVC	appr. 5.9	10 x outer-Ø	-30...+80	-5...+70
026	226	626	3 x 0.75 mm ²	PVC (bk, num., gnye)	42 x 0.15 mm	PUR/PVC	appr. 5.9	10 x outer-Ø	-30...+80	-5...+70
036	236	636	3 x 0.75 mm ²	PP (bk, num., gnye)	42 x 0.15 mm	PUR (UL/CSA)	appr. 5.9	10 x outer-Ø	-40...+80	-25...+80
056	256	656	3 x 0.75 mm ²	TPE (bk, num., gnye)	42 x 0.15 mm	PUR irradiated	appr. 5.9	10 x outer-Ø	-40...+90	-30...+90
017	217	617	4 x 0.75 mm ²	PVC (bk, num., gnye)	24 x 0.2 mm	PVC	appr. 6.2	10 x outer-Ø	-30...+80	-5...+70
027	227	627	4 x 0.75 mm ²	PVC (bk, num., gnye)	42 x 0.15 mm	PUR/PVC	appr. 6.5	10 x outer-Ø	-30...+80	-5...+70
037	237	637	4 x 0.75 mm ²	PP (bk, num., gnye)	42 x 0.15 mm	PUR (UL/CSA)	appr. 6.5	10 x outer-Ø	-40...+80	-25...+80
057	257	657	4 x 0.75 mm ²	TPE (bk, num., gnye)	42 x 0.15 mm	PUR irradiated	appr. 6.5	10 x outer-Ø	-40...+90	-30...+90
018	218	618	5 x 0.75 mm ²	PVC (bk, num., gnye)	24 x 0.2 mm	PVC	appr. 7.0	10 x outer-Ø	-30...+80	-5...+70
028	228	628	5 x 0.75 mm ²	PVC (bk, num., gnye)	42 x 0.15 mm	PUR/PVC	appr. 7.0	10 x outer-Ø	-30...+80	-5...+70
038	238	638	5 x 0.75 mm ²	PP (bk, num., gnye)	42 x 0.15 mm	PUR (UL/CSA)	appr. 7.0	10 x outer-Ø	-40...+80	-25...+80
058	258	658	5 x 0.75 mm ²	TPE (bk, num., gnye)	42 x 0.15 mm	PUR irradiated	appr. 7.0	10 x outer-Ø	-40...+90	-30...+90

Cables			No. of wires/ -diameter	Wire isolation	Wires storage	Jacket	Outer- Ø	Mobile band radius	Temperature range	
gray			mm ²		mm		mm		°C	°C
291 shielded			8 x 0.25 mm ²	TPU (gr, ye, gn, br, pk, bl, rd, wh)	32 x 0.1 mm	PUR suitable for drag chains	appr. 7.0	15 x outer-Ø	-40...+70	-40...+70
292			8 x 0.5 mm ²	PVC (br, bl, bk)	42 x 0.1 mm	PUR suit. for drag chains	appr. 7.0	15 x outer-Ø	-40...+80	-20...+80
317 shielded			3 x 0.34 mm ²	PVC (br, bl, bk)	42 x 0.1 mm	PVC	appr. 5.9	15 x outer-Ø	-30...+80	-5...+70
318 shielded			3 x 0.34 mm ²	PVC (br, bl, bk)	42 x 0.1 mm	PUR/PVC	appr. 5.9	15 x outer-Ø	-30...+80	-5...+70
330 shielded			4 x 0.34 mm ²	PVC (br, wh, bl, bk)	42 x 0.1 mm	PVC	appr. 5.9	15 x outer-Ø	-30...+80	-5...+70
331 shielded			4 x 0.34 mm ²	PVC (br, wh, bl, bk)	42 x 0.1 mm	PUR/PVC	appr. 5.9	15 x outer-Ø	-30...+80	-5...+70
348 shielded			5 x 0.34 mm ²	PVC (br, wh, bl, bk, gnye)	42 x 0.1 mm	PVC	appr. 5.9	15 x outer-Ø	-30...+80	-5...+70
349 shielded			5 x 0.34 mm ²	PVC (br, ws, bl, bk, gnye)	42 x 0.1 mm	PUR/PVC	appr. 5.9	15 x outer-Ø	-30...+80	-5...+70
414			2 x 0.5 mm ²	PVC (br, bl)	16 x 0.2 mm	PUR	appr. 5.0	15 x outer-Ø	-40...+80	-5...+80
950			4 x 1.5 mm ²	PUR (bk, num., gnye)	64 x 0.15 mm	TPE	appr. 8.3	5 x outer-Ø	-50...+80	-40...+80
952 shielded			2 x AWG18/2 x AWG15	PVC (rd, bk/bl, wh)	—	PVC (UL/CSA)	appr. 12.0	10 x outer-Ø	-20...+80	-5...+70
961			5 x 1.5 mm ²	TPM (bk, num., gnye)	42 x 0.1 mm	PUR (UL/CSA)	appr. 8.7	15 x outer-Ø	-50...+80	-20...+80
green			mm ²		mm		mm		°C	°C
802 shielded			4 x 0.5 + 2 x 0.25 mm ²	TPE (br, bl, bk, wh), (gr, pk)	32 x 0.1 mm	PUR suit. for drag chains	appr. 7.9	10 x outer-Ø	-50...+90	-40...+90
820 shielded			4 x 0.34 mm ²	TPE (br, bl, bk, wh)	42 x 0.1 mm	PUR suit. for drag chains	appr. 5.9	10 x outer-Ø	-50...+80	-40...+80
violet			mm ²		mm		mm		°C	°C
803 shielded			2 x 0.25/2 x 0.34 mm ²	PUR (rd, bk), (bl, wh)	—	PUR (UL/CSA)	appr. 6.9	15 x outer-Ø	-20...+75	0...+75
840 shielded			2 x 0.64 mm ²	PUR (rd, gn)	19 x 0.13 mm	PUR	appr. 7.8	9 x outer-Ø	-30...+80	-30...+80
963			4 x 1.5 mm ² +2 x LWL	PVC (bk, num./LWL)	—	PUR	appr. 10.0	8 x outer-Ø	-30...+70	-5...+80
964			4 x 1.5 +2 x 0.34 mm ²	PVC (bk, num./rd, gn)	—	PUR	appr. 10.0	8 x outer-Ø	-30...+70	-5...+80

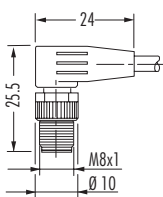
Cables		No. of wires/ -diameter	Wire isolation	Wires storage	Jacket	Outer- Ø	Mobile band radius	Temperature range	
	gray	mm ²		mm		mm		°C	°C
	332	4 x 0.34/2 x 0.75	PVC	42 x 0.1	PUR/PVC	appr. 8.5	12 x outer-Ø	-30...+80	-5...+70
	354	6 x 0.34/2 x 0.75	PVC	42 x 0.1	PUR/PVC	appr. 9.1	12 x outer-Ø	-30...+80	-5...+70
	361	8 x 0.34/2 x 0.75	PVC	42 x 0.1	PUR/PVC	appr. 9.3	10 x outer-Ø	-30...+80	-5...+70
	383	10 x 0.34/2 x 0.75	PVC	42 x 0.1	PUR/PVC	appr. 9.8	10 x outer-Ø	-30...+80	-5...+70
	333	4 x 0.34/3 x 0.75	PVC	19 x 0.15	PUR/PVC	appr. 8.5	12 x outer-Ø	-30...+80	-5...+70
	355	6 x 0.34/3 x 0.75	PVC	19 x 0.15	PUR/PVC	appr. 9.1	12 x outer-Ø	-30...+80	-5...+70
	362	8 x 0.34/3 x 0.75	PVC	19 x 0.15	PUR/PVC	appr. 9.1	12 x outer-Ø	-30...+80	-5...+70
	363	8 x 0.34/3 x 0.75	PVC	19 x 0.15	PUR/PVC	appr. 9.1	12 x outer-Ø	-30...+80	-5...+70
	388	12 x 0.34/3 x 0.75	PVC	19 x 0.15	PUR/PVC	appr. 9.8	12 x outer-Ø	-30...+80	-5...+70
	398	16 x 0.34/3 x 0.75	PVC	19 x 0.15	PUR/PVC	appr. 10.7	12 x outer-Ø	-30...+80	-5...+70
	448	8 x 0.5/3 x 1	TPE	64 x 0.1	PUR (UL/CSA)	appr. 9.4	10 x outer-Ø	-40...+90	-40...+90
	452	16 x 0.5/3 x 1	TPE	64 x 0.1	PUR (UL/CSA)	appr. 11.5	10 x outer-Ø	-40...+90	-40...+90
	373	8 x 0.34/3 x 0.75	TPE	42 x 0.1	PUR (UL/CSA)	appr. 9.3	12 x outer-Ø	-40...+90	-40...+90
	401	16 x 0.34/3 x 0.75	TPE	42 x 0.1	PUR (UL/CSA)	appr. 11.7	12 x outer-Ø	-40...+90	-40...+90

Round plug connector M8 straight/90°with open ended wires

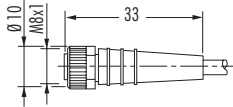
Male straight



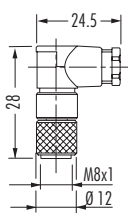
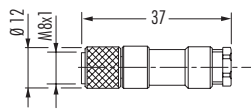
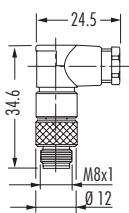
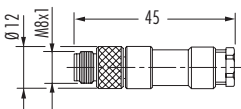
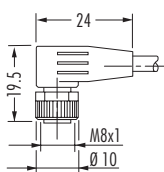
Male 90°



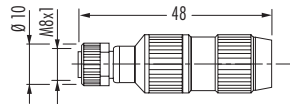
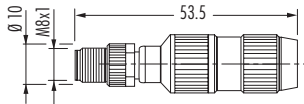
Female straight



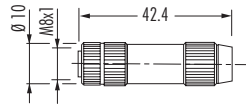
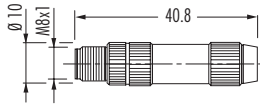
Female 90°



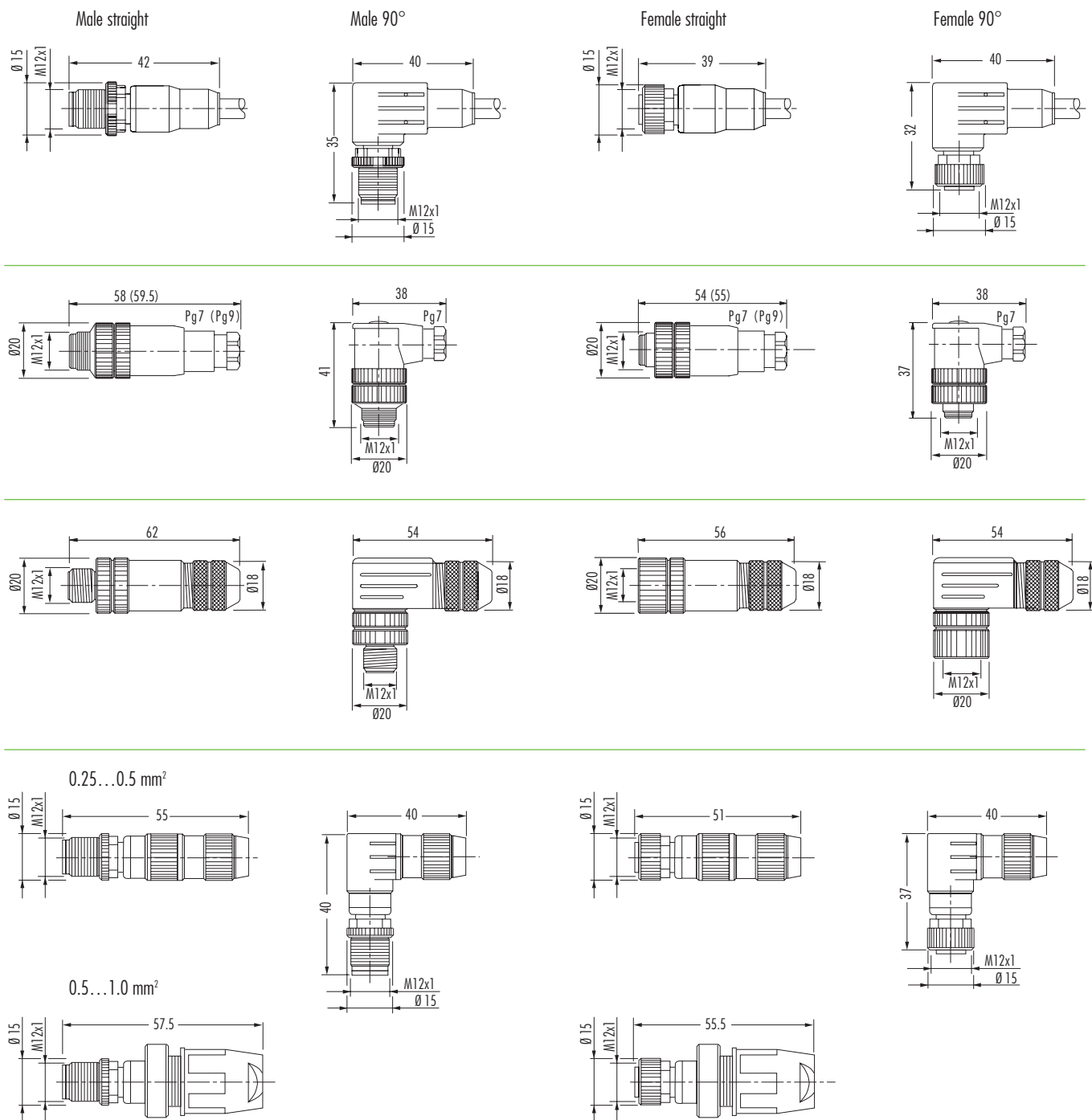
0.25...0.5 mm²



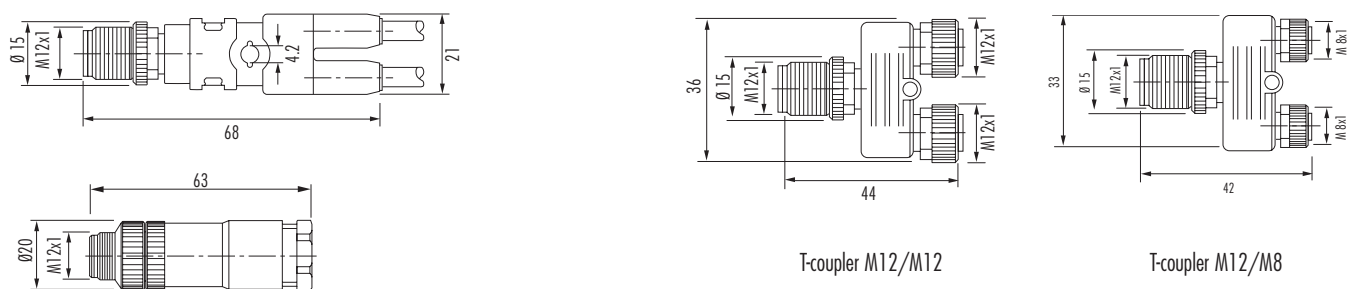
0.14...0.34 mm²



Round plug connector M12 straight/90° with open ended wires

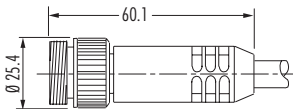


Y-distributor M12, T-coupler

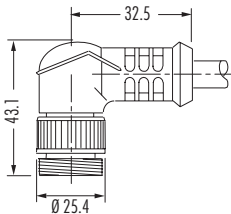


Round plug connector 7/8" straight/90° with open ended wires

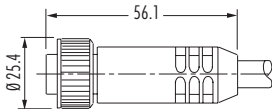
Male straight



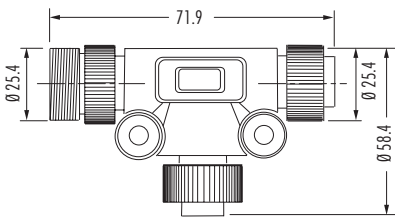
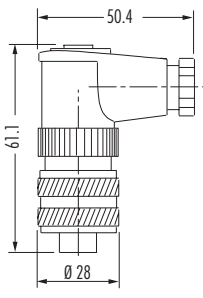
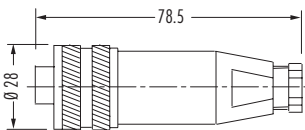
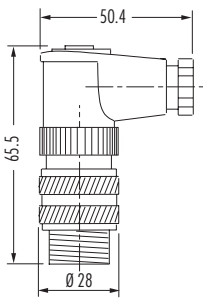
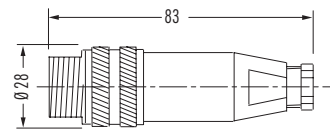
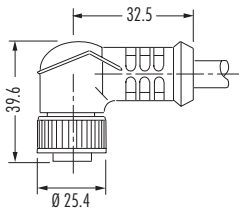
Male 90°



Female straight

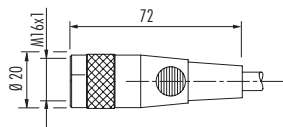


Female 90°

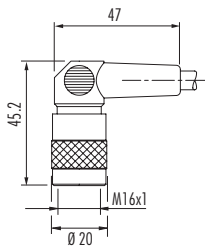


Round plug connector M16

Female straight

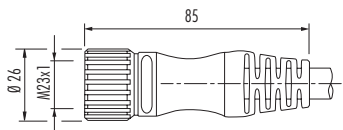


Female 90°

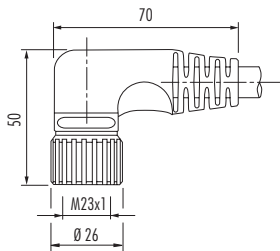


Round plug connector M23

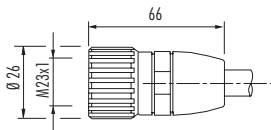
Female straight



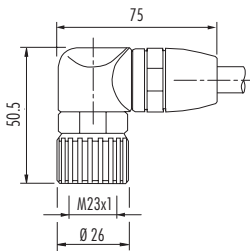
Female 90°



Female straight

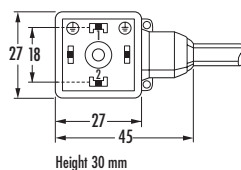


Female 90°

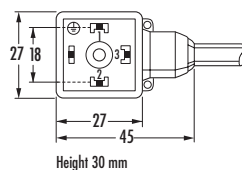


Valve plug with open ended wires

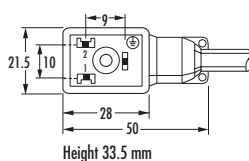
Form A (18 mm)
PE bridged



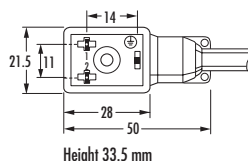
Form A (18 mm) for pressure switches
PE opposite cable entry (0°)



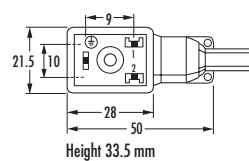
Form B (10 mm)
PE at cable entry (0°)



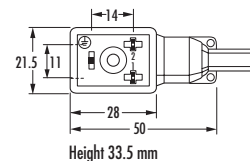
Form BI (11 mm)
PE at cable entry (0°)



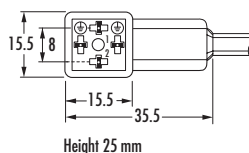
Form B (10 mm)
PE opposite cable entry (180°)



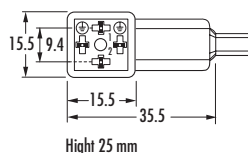
Form BI (11 mm)
PE opposite cable entry (180°)



Form C (8 mm)
PE bridged

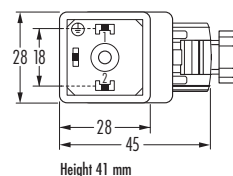


Form CI (9.4 mm)
PE bridged

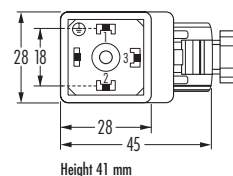


Valve plug for field wireable or screw terminals

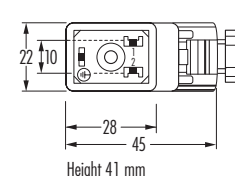
Form A (18 mm)



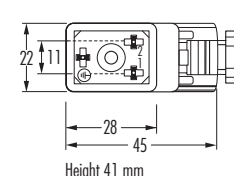
Form A (18 mm)
for pressure switches



Form B (10 mm)

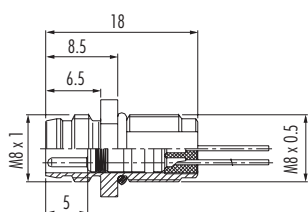


Form BI (11 mm)

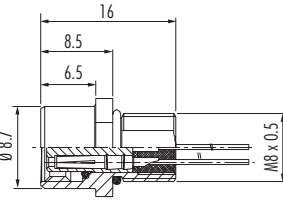


Flange plug connector

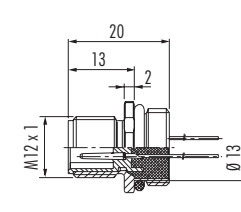
Male M8



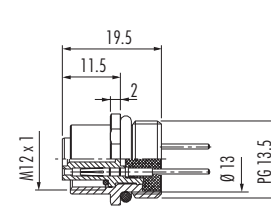
Female M8



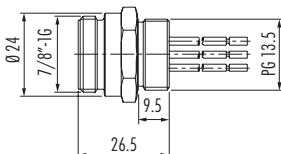
Male M12



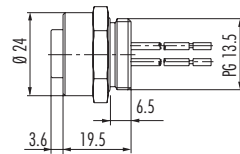
Female M12

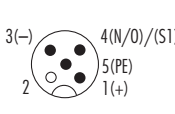
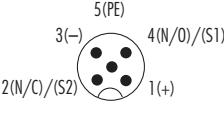
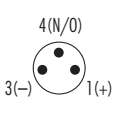
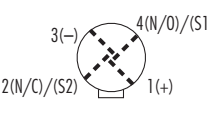


Male 7/8"



Female 7/8"



Distribution box	MVP12 Metal	M12 Potting	MVP12	MVP8	MVPS8	MVP12 Quick connection
Nominal voltage	max. 125 V AC/DC or 24 V DC	24 V DC	24 V DC	24 V DC	24 V DC	24 V DC
Supply voltage indicator	without/ LED green	LED green	LED green per potential	LED green	LED green	LED green
Connection for sensors/actuators	M12 female 5-pole	M12 female 4- or 5-pole	M12 female 4- or 5-pole	M8 female 3-pole	M8 female 3-pole	quick connection (IDC) 4-pole
Locking sockets	screw thread M12 x 1	screw thread M12 x 1	screw thread M12 x 1	screw thread M8 x 1	screw thread M8 x 1	screw fixing
Number of sockets	4, 8	4, 6, 8	4, 6, 8	8	4, 6, 8, 10	4, 6, 8
Signals per sockets	2	1 or 2	1 or 2	1	1	2
Status indicator	without/LED yellow	LED yellow per signal (PNP)	LED yellow per signal (PNP or NPN)	LED yellow (PNP)	LED yellow (PNP)	LED yellow per signal (PNP)
Current capacity female contact (at 60°C)	max. 4 A per contact	max. 4 A per contact	max. 4 A per contact	max. 2 A per contact	max. 2 A per contact	max. 3 A per contact
Combined capacity – at 0.75 and/or 1 mm² wires – at screw terminal – at spring clamp terminal – M23 12- or 19-pole – M16 max. 14-pole	max. 12 or 16 A	max. 10 or 12 A	max. 10 or 12 A	max. 10 A	max. 10 A	max. 10 A
	–	max. 12 A	max. 8/16 A	max. 8 A	–	max. 6/12 A
	–	–	max. 6 or 12 A	max. 6 A	–	–
	max. 12 A	max. 12 A	max. 12 A	–	–	–
	–	–	–	max. 6 A	max. 6 A	–
the applicable current loads and overload limits of the cables, as defined by the specific standard, must be taken into consideration.						
General – Housing material – Protection – Temperature range – Resistance	zinc pressure nickel plated	plastic flame retardant	plastic flame retardant	plastic flame retardant	plastic flame retardant	plastic flame retardant
	IP65, IP67	IP67	IP65, IP67	IP65, IP67	IP67	IP67
	– 25...+ 90 °C	– 20...+ 80 °C	– 20...+ 80 °C	– 20...+ 80 °C	– 20...+ 80 °C	– 20...+ 80 °C
good resistance against chemicals and oils. The resistance to aggressive media should be individually verified for your application.						
Cable – Outer jacket/wires	PUR (UL/CSA) halogen free	PUR/PVC or PVC or PUR CNOMO	PUR/PVC	PUR/PVC	PUR/PVC	PUR/PVC
Contact layout	M12 female  4-pole  5-pole			M8 female  3-pole		 Quick connection
Notes	Other versions on request.					

Cables for M12 distribution box			Type	No. of wires/ wire diameter	Wire- isolation	Jacket/color	Outer Ø	Mobile bend radius	Temperature range °C fixed mobile	
No. of poles				mm²			mm	°C	°C	
4-pole	1 signal	4-way	PUR/PVC, gray	4 x 0.34/3 x 0.75	PVC	PUR/PVC gray	8.5	12 x outer-Ø	-30...+80	-5...+70
		6-way	PUR/PVC, gray	6 x 0.34/3 x 0.75	PVC	PUR/PVC gray	9.1	12 x outer-Ø	-30...+80	-5...+70
		8-way	PUR/PVC, gray	8 x 0.34/3 x 0.75	PVC	PUR/PVC gray	9.1	12 x outer-Ø	-30...+80	-5...+70
5-pole	2 signals	4-way	PUR/PVC, gray	8 x 0.34/3 x 0.75	PVC	PUR/PVC gray	9.1	12 x outer-Ø	-30...+80	-5...+70
		6-way	PUR/PVC, gray	12 x 0.34/3 x 0.75	PVC	PUR/PVC gray	9.8	12 x outer-Ø	-30...+80	-5...+70
		8-way	PUR/PVC, gray	16 x 0.34/3 x 0.75	PVC	PUR/PVC gray	10.7	12 x outer-Ø	-30...+80	-5...+70
5-pole with potential separation	2 signals	4-way	PUR/PVC, gray	8 x 0.34/5 x 0.75	PVC	PUR/PVC gray	9.1	12 x outer-Ø	-30...+80	-5...+70
		6-way	PUR/PVC, gray	12 x 0.34/5 x 0.75	PVC	PUR/PVC gray	9.8	12 x outer-Ø	-30...+80	-5...+70
		8-way	PUR/PVC, gray	16 x 0.34/5 x 0.75	PVC	PUR/PVC gray	10.7	12 x outer-Ø	-30...+80	-5...+70
5-pole	2 signals	4-way	PVC CNOMO, gray	8 x 0.34/3 x 1	PVC	PVC gray	10.9	15 x outer-Ø	-30...+70	-5...+70
		6-way	PVC CNOMO, gray	12 x 0.34/3 x 1	PVC	PVC gray	10.9	15 x outer-Ø	-30...+70	-5...+70
		8-way	PVC CNOMO, gray	16 x 0.34/3 x 1	PVC	PVC gray	11.0	15 x outer-Ø	-30...+70	-5...+70
5-pole	2 signals	4-way	PUR CNOMO, gray	8 x 0.34/3 x 1	PVC	PUR gray	10.9	15 x outer-Ø	-30...+70	-5...+70
		6-way	PUR CNOMO, gray	12 x 0.34/3 x 1	PVC	PUR gray	10.9	15 x outer-Ø	-30...+70	-5...+70
		8-way	PUR CNOMO, gray	16 x 0.34/3 x 1	PVC	PUR gray	11.0	15 x outer-Ø	-30...+70	-5...+70
5-pole	2 signals	4-way	PUR (UL/CSA), gray	8 x 0.5/ 3 x 1	TPE	PUR gray ¹⁾	9.4	10 x outer-Ø	-40...+90	-40...+90
		8-way	PUR (UL/CSA), gray	16 x 0.5/ 3 x 1	TPE	PUR gray ¹⁾	11.5	10 x outer-Ø	-40...+90	-40...+90
5-pole with potential separation	2 signals	8-way	PUR (UL/CSA), gray	16 x 0.34/5 x 0.75	TPE	PUR gray ¹⁾	11.5	10 x outer-Ø	-40...+90	-40...+90
5-pole shielded	2 signals	4-way	PUR (UL/CSA), gray	8 x 0.34/3 x 0.75	TPE	PUR gray ¹⁾	9.3	12 x outer-Ø	-40...+90	-40...+90
		8-way	PUR (UL/CSA), gray	16 x 0.34/3 x 0.75	TPE	PUR gray ¹⁾	11.7	12 x outer-Ø	-40...+90	-40...+90
Cables for M12 distribution box			Type	No. of wires/ wire diameter	Wire- isolation	Jacket/color	Outer Ø	Mobile bend radius	Temperature range °C fixed mobile	
No. of poles				mm²			mm	°C	°C	
3-pole	1 signal	4-way	PUR/PVC, gray	4 x 0.34/2 x 0.75	PVC	PUR/PVC gray	8.5	12 x outer-Ø	-30...+80	-5...+70
		6-way	PUR/PVC, gray	6 x 0.34/2 x 0.75	PVC	PUR/PVC gray	9.1	12 x outer-Ø	-30...+80	-5...+70
		8-way	PUR/PVC, gray	8 x 0.34/2 x 0.75	PVC	PUR/PVC gray	9.3	10 x outer-Ø	-30...+80	-5...+70
		10-way	PUR/PVC, gray	10 x 0.34/2 x 0.75	PVC	PUR/PVC gray	9.8	10 x outer-Ø	-30...+80	-5...+70

Notes			¹⁾ Cable halogen free, approval UL/CSA, especially suitable for drag chains (min. 5 mio. bending cycles at max. 2 m/sec. movement speed)							
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MVP12 Metal/M12 Potting with pre-wired cable

MVP12 metal 8-way, M12 female 5-pole

2 signals

4-way:

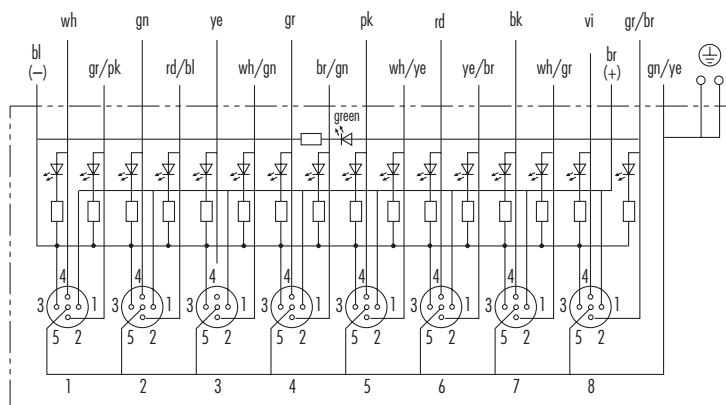
without terminals

pk, wh/ye, rd, ye/br, bk, wh/gr, vi, gr/br

6-way:

without terminals

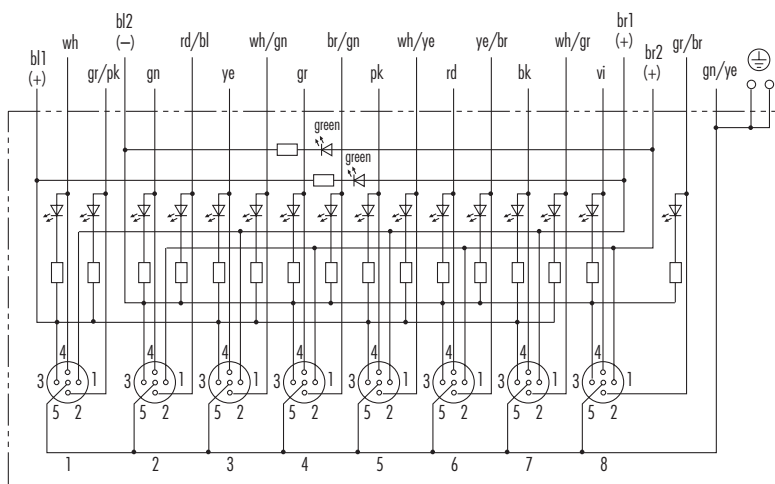
bk, wh/gr, vi, gr/br



MVP12 Metal with potential separation and with pre-wired cable

MVP12 metal 8-way, M12 female 5-pole

2 signals



MVP12 and MVP12 Metal/M12 Potting with plug connection M23, 19-pole

MVP12 metal 8-way, M12 female 5-pole

2 signals

4-way:

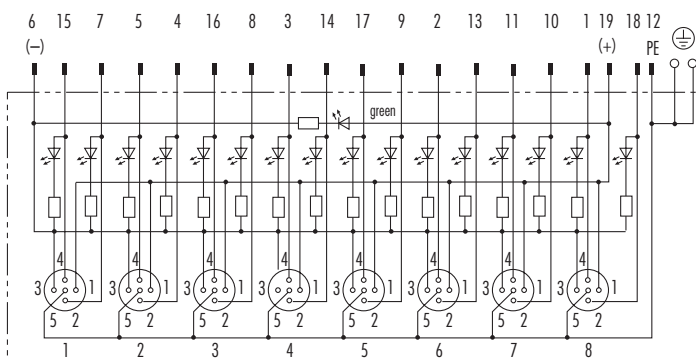
without terminals:

17, 9, 2, 13, 11, 10, 1, 18

6-way:

without terminals:

11, 10, 1, 18



MVP12 with pluggable pre-wired cable

MVP12 with pluggable pre-wired cable and potential separation
8-way, M12 female 5-pole, 2 signals

4-way:

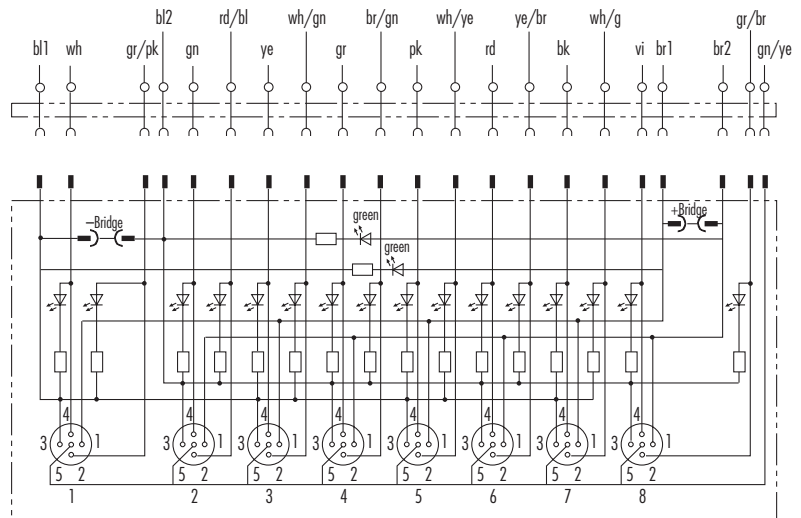
without terminals

pk, wh/ye, rd, ye/br, bk, wh/gr, vi, gr/br

6-way:

without terminals

bk, wh/gr, vi, gr/br



MVP12 with pluggable pre-wired cable and plug terminals

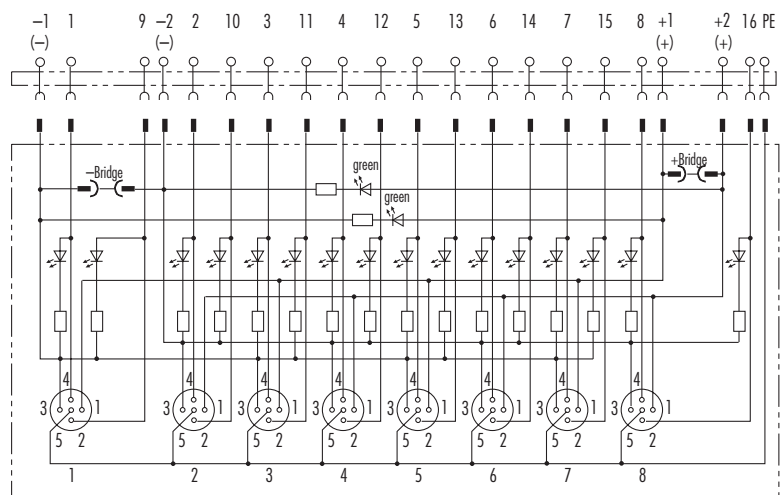
MVP12 8-way, M12 female 5-pole with potential separation
2 signals

4-way:

Pin 5, 13, 6, 14, 7, 15, 8, 16 not used

6-way:

Pin 7, 15, 8, 16 not used



M12 Potting/MVP12 with plug connector M23, 12-pole

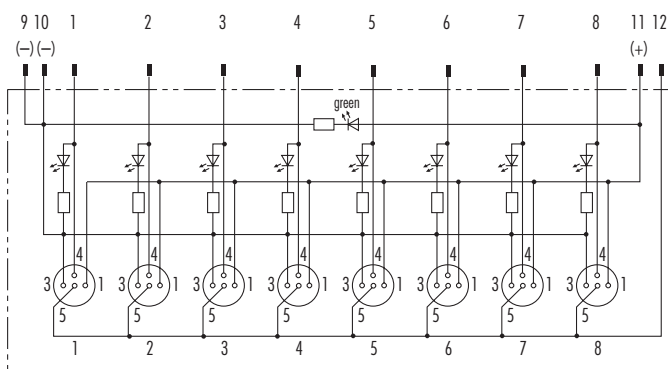
MVP12 8-way, M12 female 4-pole
1 signal

4-way:

Pin 5, 6, 7, 8 not used

6-way:

Pin 7, 8 not used



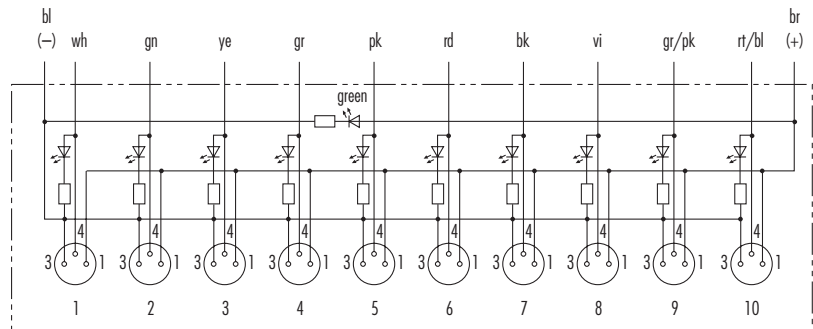
MVP8/MVPS8 with pre-wired cable

10-way, M8 female 3-pole
1 signal

4-way:
without terminals
pk, rd, bk, vi, gr/pk, rd/bl

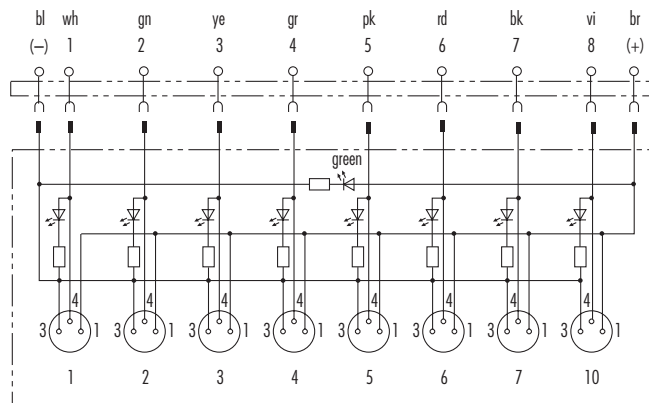
6-way:
without terminals
bk, vi, gr/pk, rd/bl

8-way:
without terminals
gr/pk, rd/bl



MVP8 with pluggable pre-wired cable and plug terminals

MVP8 8-way, M8 female 3-pole
1 signal



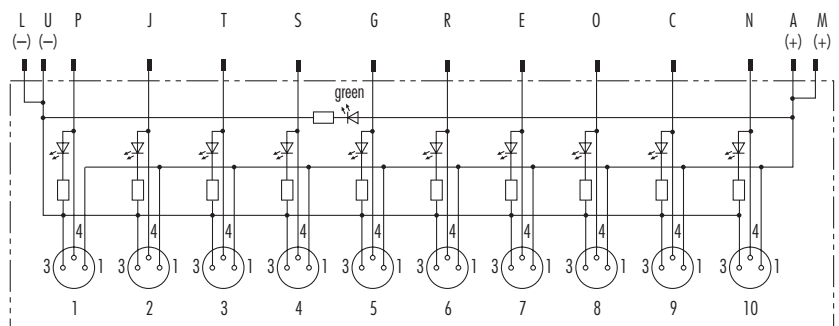
MVPS8 with plug connector M16, 14-pole

MVPS8 10-way, M8 female 3-pole
1 signal

4-way:
Pin E, R, E, O, C, N not used

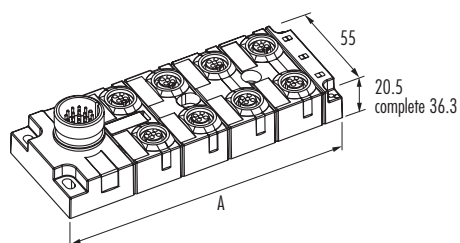
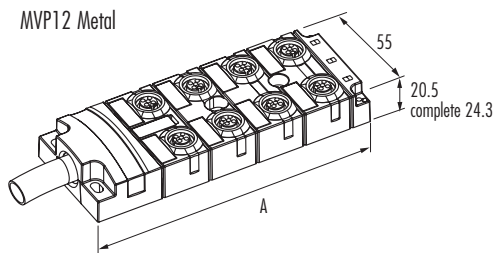
6-way:
Pin E, O, C, N not used

8-way:
Pin C, N not used

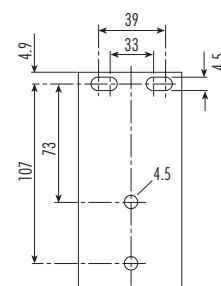


Distribution box M12

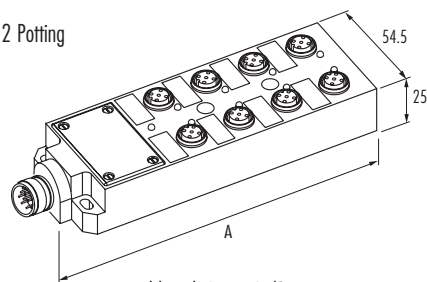
MVP12 Metal



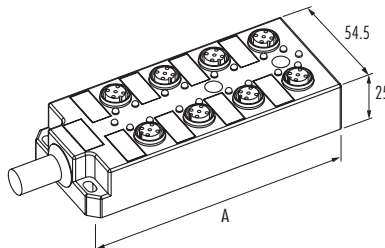
total length A: 4-/8-way
95/145 mm



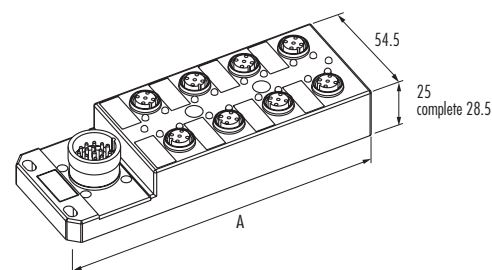
M12 Potting



total length A: 4-/8-way
106/158 mm

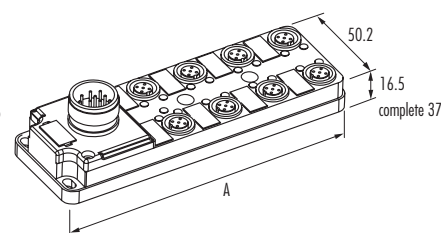
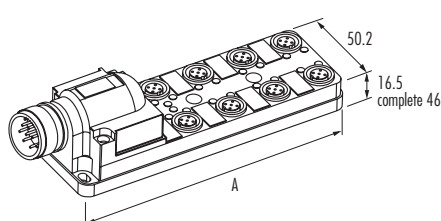
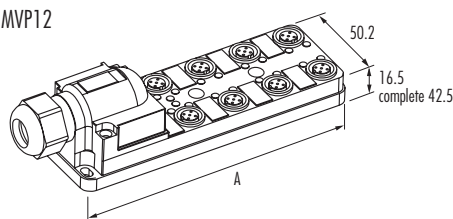


total length A: 4-/6-/8-way
82/100.5/127.5 mm
CNOMO: 117/117/127.5 mm



total length A: 4-/6-/8-way
100.5/127/152.5 mm

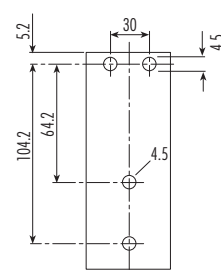
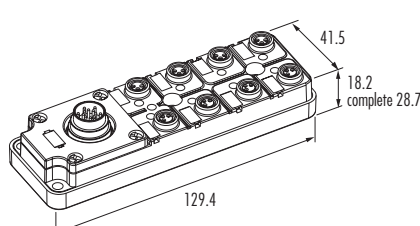
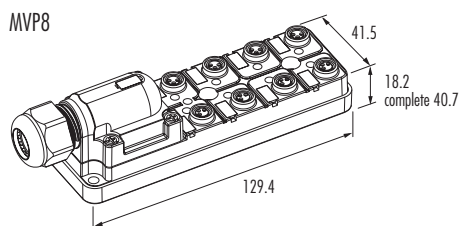
MVP12



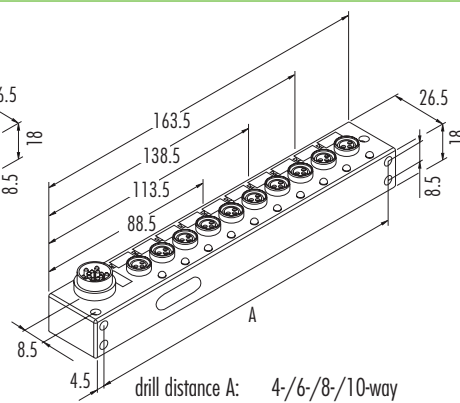
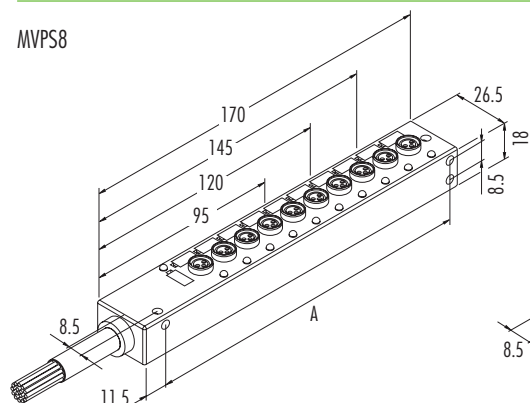
total length A: 4-/6-/8-way
99.2/124.2/149.2 mm

Distribution box M8

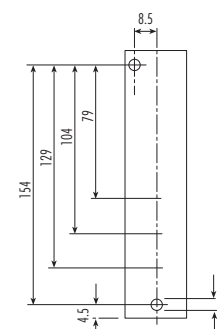
MVP8



MVPS8



drill distance A: 4-/6-/8-/10-way
79/104/129/154 mm



See above for drilling dimension or lateral mounting