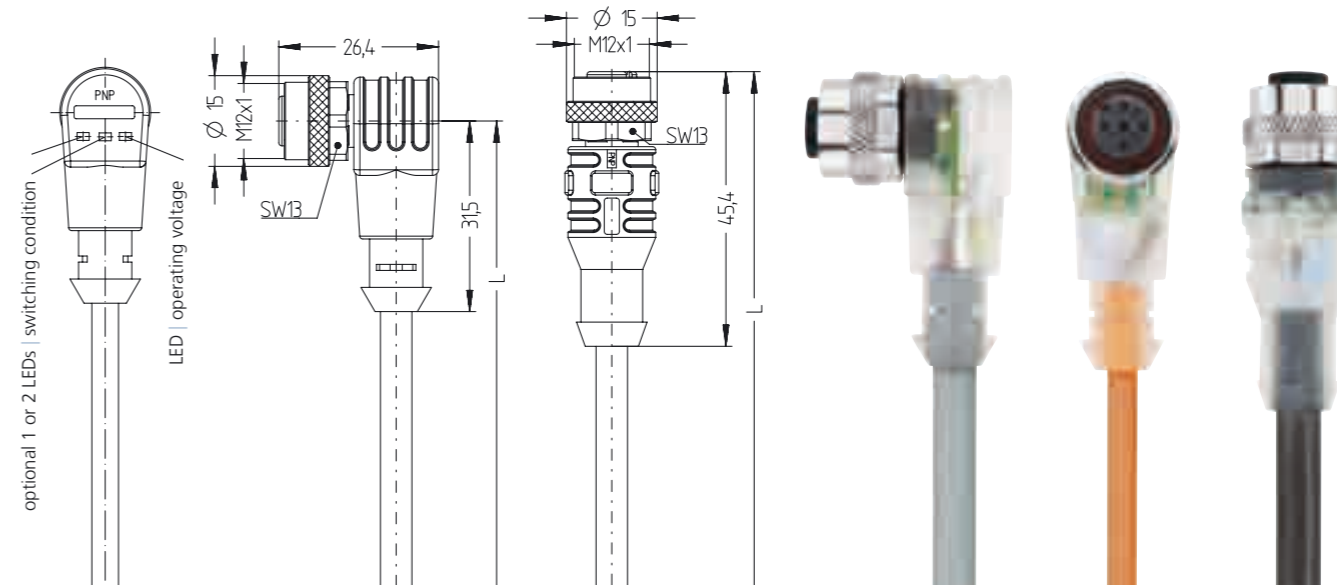


Product line	Version	Cable quality	Poles	Type-designation	Cable length m			
					2m	5m	10m	
AL_M12x1	f ↑	LED2	PUR S370®	3	AL-WAK3P2-m/S370	8044524	8045592	8047386
		LED2		4	AL-WAK4P2-m/S370	8048938	8048114	8048116
		LED2	PUR S370GY®	3	AL-WAK3P2-m/S370GY	8058922	8058923	8058924
		LED2		4	AL-WAK4P2-m/S370GY	8058925	8058926	8058927
		LED2	PUR S7400® robotic	3	AL-WAK3P2-m/S7400	8058928	8058929	8058930
		LED2		4	AL-WAK4P2-m/S7400	8058931	8058932	8058933
	f ↗	LED2	PUR S370®	3	AL-WWAK3P2-m/S370	8044219	8045217	8044523
		LED2		4	AL-WWAK4P2-m/S370	8045237	8045238	8045239
		LED3		4	AL-WWAK4P3-m/S370	8044220	8044565	8044566
		LED3.1		4	AL-WWAK4P3.1-m/S370	8045911	8045912	8045913
		LED3.2		4	AL-WWAK4P3.2-m/S370	8045914	8045915	8045916
		LED3	4+PE		AL-WWAK5P3-m/S370	8044221	8045218	8045219
		LED3.1	4+PE		AL-WWAK5P3.1-m/S370	8045917	8045918	8045919
		LED2	PUR S370GY®	3	AL-WWAK3P2-m/S370GY	8059930	8059931	8059932
		LED2		4	AL-WWAK4P2-m/S370GY	8059933	8059934	8059935
		LED3		4	AL-WWAK4P3-m/S370GY	8059936	8059937	8059938
		LED3.1		4	AL-WWAK4P3.1-m/S370GY	8059939	8059940	8059941
		LED3.2		4	AL-WWAK4P3.2-m/S370GY	8059942	8059943	8059944
		LED3	4+PE		AL-WWAK5P3-m/S370GY	8059945	8059946	8059947
		LED3.1	4+PE		AL-WWAK5P3.1-m/S370GY	8059948	8059949	8059950
		LED2	PUR S7400® robotic	3	AL-WWAK3P2-m/S7400	8058934	8058935	8058936
		LED2		4	AL-WWAK4P2-m/S7400	8058937	8058938	8058939
		LED3		4	AL-WWAK4P3-m/S7400	8058940	8058941	8058942
		LED3.1		4	AL-WWAK4P3.1-m/S7400	8058943	8058944	8058945
		LED3.2		4	AL-WWAK4P3.2-m/S7400	8058946	8058947	8058948
		LED3	4+PE		AL-WWAK5P3-m/S7400	8058949	8058950	8058951
		LED3.1	4+PE		AL-WWAK5P3.1-m/S7400	8058952	8058953	8058954

Other versions, cable-lengths or cable terminals converted with wire-end sleeves are available upon request

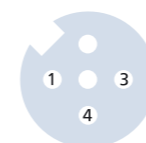


AUTOMATION LINE® PUR | M12x1 female LED

Technical data	Poles	Value
Rated voltage [U _{max}]	3, 4, 4+PE	24V _{oc}
Current load [I _{max}]	3, 4, 4+PE	4A
Insulation resistance		≥10 ⁹ Ω
Standards		IEC 61076-2-101
Materials	Grip	TPU, transparent
	Contact carriers	TPU, BK
	Sealing	FPM/FKM
	Contacts	CuZn, gold-plated
	Locking mechanism	CuZn, nickel-plated
Ambient temperature		-30°C...+90°C
Degree of pollution		3
Protection class (installed)		IP67, IP69K
Mechanical life cycle		>100 mating cycles

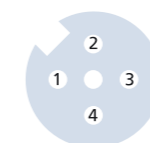
Coding A | female

3 poles



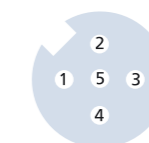
1BN | 3BU | 4BK

4 poles



1BN | 2WH | 3BU | 4BK

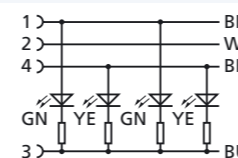
4 poles+PE



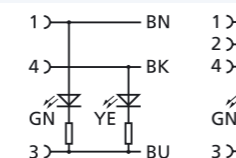
1BN | 2WH | 3BU | 4BK | 5GN/YE

LED-versions

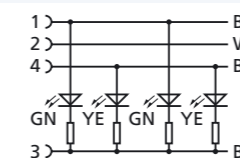
3P2 ↑



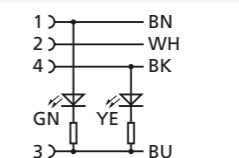
3P2 ↗



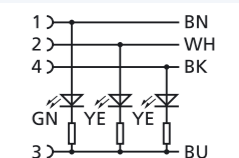
4P2 ↑



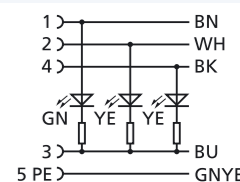
4P2 ↗



4P3



5P3



3.1 = GN/RD/YE | 3.2 = GN/WH/YE

IE-	W	FK	F	D	S	Y	5-	0,5/	16/	S3525	S2171	S3941
												Grip
												S3941: Fig.1
												without: Fig.2, Fig.3
												Cable quality
												Height-tolerance-balance Δh
												for WFKFS..., colour GN
												Screw in thread: 16: M16x1.5 12: M12x1
												0,5: Cable length [m] P: Print-contact
												Contacts.allocation-code
												Coding: Y: D-coded, X: X-coded
												Shielded ○
												Adjustable ⊖
												Threaded front
												Flange M12x1: FK: female EK: Built-in connector female
												W: angled ↗ without: straight ↑

Industrial Ethernet



IE-M12x1-Flanges	Connection	Version	Poles	Type-designation	Order-No.
Front-wall mounting	Cable	f ↑ ○	4 D	Fig. 1	IE-FKSY4.029-0,5/16/S2171/S3941
	Print-contact	f ↑ ⊖	4 D	Fig. 5	IE-FKDY4-P/16
		f ↑ ○ ⊖	8 X	Fig. 6	IE-FKDSX8-P/12
		f ↑ ○ ⊖ Δh	8 X	Fig. 6	IE-FKDHSX8-P/12
Back-wall mounting	Cable	f ↑ ○	4 D	Fig. 2	IE-FKFDSY4.029-0,5/16/S2171
		f ↗ ○	4 D	Fig. 3	IE-WFKFDSY4.029-0,5/16/S2171
	Print-contact	f ↑ ⊖	4 D	Fig. 9	IE-FKFDY4-P/16
		f ↑ ○ ⊖	8 X	Fig.10	IE-FKFDSX8-P
		f ↑ ○ ⊖ Δh	8 X	Fig.10	IE-FKFDHSX8-P
		f ↗ ○ Δh<2.5mm	4 D	Fig. 7	IE-WFKFSY4-P/12/S3525
		f ↗ ○ Δh<4.0mm	4 D	Fig. 7	IE-WFKFSY4-P/12/S3540
		f ↗ ○ Δh<5.0mm	4 D	Fig. 7	IE-WFKFSY4-P/12/S3550
		f ↗ ○ Δh<2,5mm	8 X	Fig. 8	IE-WFKFSX8-P/12/S3525
		f ↗ ○ Δh<4,0mm	8 X	Fig. 8	IE-WFKFSX8-P/12/S3540
f ↗ ○ Δh<5,0mm	8 X	Fig. 8	IE-WFKFSX8-P/12/S3550		
Insertion connector	Print-contact	f ↑	8 X	Fig. 4	IE-EKSX8-P

Other versions are available upon request.



Fig. 1 Fig. 2 Fig. 3 Fig. 4 Fig. 5 Fig. 6 Fig. 7 Fig. 8 Fig. 9 Fig. 10

Dimensional drawings see page 116/117

Industrial Ethernet _ M12x1 flanges

Technical data	Poles	Value
Rated voltage [U _{max}]	4 D	250V
	8 X	50Vac 60Vdc
Current load [I _{max}]	4 D	4A
	8 X	0.5A
Insulation resistance		≥10 ⁸ Ω
Standards		IEC 61076-2-101/-109
Materials	Flange housing	CuZn, nickel-plated
	Contact carrier 4D	↑: TPU, GN ↗: PA, GN
	Contact carrier 8X	↑: PA, GN ↗: PBT, GN
	Grip	Hotmelt: transparent TPU, BK
	Contacts	CuZn, gold-plated
	Sealing	FPM/FKM
	Sealing (screw in thread)	NBR
Ambient temperature		4D: -30°C...+90°C 8X: -40°C...+85°C
Degree of pollution		3
Protection class (installed)		IP67
Mechanical life cycle		>100 mating cycles

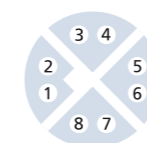
Coding

4 poles female | D



1YE | 2WH | 3OG | 4BU

8 poles female | X



1WH(OG) | 2OG, 3WH(GN) | 4GN,
5WH(BN) | 6BN, 7WH(BU) | 8BU