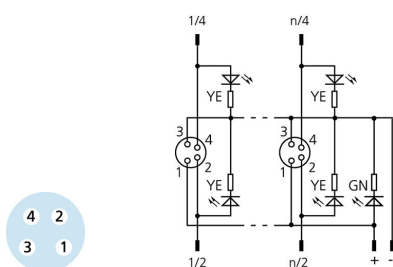
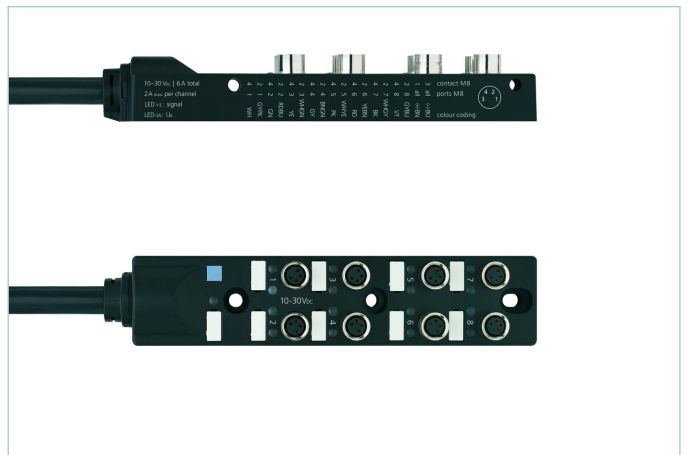


[illegible]

The information contained in this data sheet was compiled with the utmost care. The liability for the correctness, completeness and timelines is limited to gross negligence.
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Thread insert material	Metal, CuZn
Standards	IEC 61076-2-104
Degree of protection (mounted)	IP65, IP67
Mechanical life-cycle	>100 mating cycles
Degree of pollution	3/2

Cable	PUR, UL, S370
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Flexible, silicone- and halogen-free control line with high mechanical strength. The cable is chemicals, hydrolysis-, and microbes- resistant. The drag-chain application is possible at a bending radius of minimum 10 x d. Due to its weld-field immunity, the cable is very well suited for the flexible application in robotics, machine-tool, and metal-cutting production. The cables meet the UL and CSA (UL10493/20549; cULus) requirements.

Outer diameter of jacket	9,1 mm
Cable-jacket material	PUR
Jacket color	BK, similar RAL9005
Wire cross-section	16 x 0.25 mm ² + 2 x 0.75 mm ²
Wire insulation material	PP
Wire colors	RD, YEBN, BU, WHGN, PK, WH, YE, WHYE, GYPK, BK, WHGY, GYBN, GN, RDBU, VT, BNGN, GY, BN
Bending radius (repeated)	min. 10 x Ø-cable
Temperature range (repeated)	-25°C...+90°C
Temperature range (fixed)	-40°C...+90°C
Drag chain-application	5 Mio. cycles
Halogen-free	Yes
Special features	flame retardant, LABS free, RoHs compliant, drag chain-adapted, halogen free

Allocation chart																		
I/O	1		2		3		4		5		6		7		8		all (+)	all (-)
Pin	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	1	3
Cable	GYPK	WH	RDBU	GN	WHGN	YE	BNGN	GY	WHYE	PK	YEBN	RD	WHGY	BK	GYBN	VT	BN	BU

Classification	
eCl@ss 6.0	27279219
eCl@ss 7.0	27279219
eCl@ss 8.0	27279219
eCl@ss 9.0	27440108
ETIM 5.0	EC002585
ETIM 6.0	EC002585

Accessories	
Labels, I/O-junction passive, I/O-junction logic https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8011349/Labels-M8-I/O-junctions	
Screw plug, M8 https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8015075/Screw-plug-M8-female-black	
Accessories set, I/O-junction passive, I/O-junction logic, M8 https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8087214/Accessory-set-M8-I/O-junctions-labels-screw-plug	