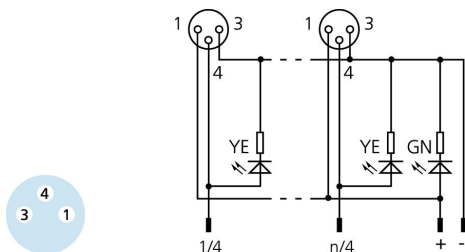
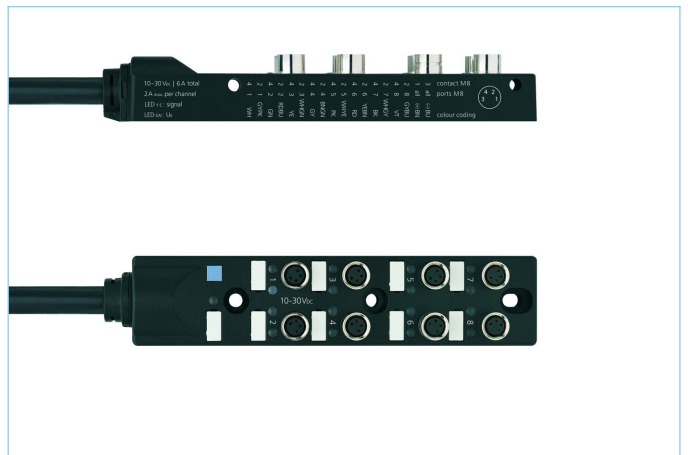


[illegible]

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.
ESCHA GmbH & Co. KG | Elberfelder Str.32 | 58553 Halver / Germany | Phone +49 2353 708 - 800 | Fax +49 2353 708 - 8410 | version: 02.08.2018 8061798 page: 1

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

Cable	PUR, UL, S370
--------------	----------------------

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	7,5 mm
Cable-jacket material	PUR
Jacket color	BK, similar RAL9005
Wire cross-section	8 x 0.25 mm ² + 2 x 0.75 mm ²
Wire insulation material	PP
Wire colors	PK, BU, WH, GN, RD, BK, YE, GY, BN, VT
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	4	4	4	4	4	4	4	4	1	3
Cable	WH	GN	YE	GY	PK	RD	BK	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	