.ESCHA

ET, male, straight, 4 poles, grip body with thread, Mobile Automation

4	1
3	2
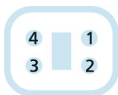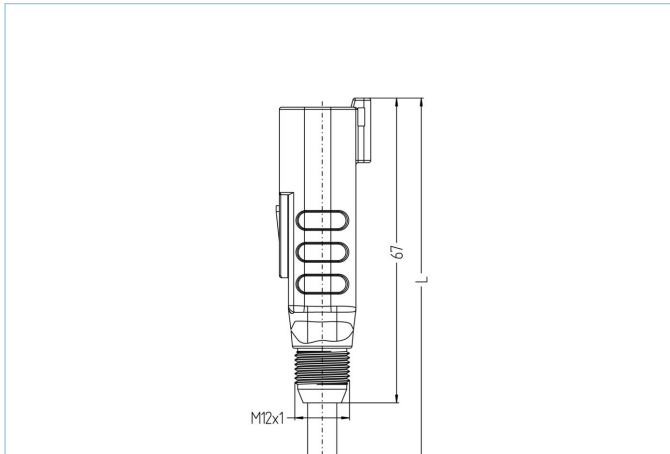
Product data

Item description	MA-ET04-4PG-m/S370
Item-No.	V0011030
Länge	on demand
Customs tariff-No.	85444290
Step-File	MA-ET04-4PG-m_S370.stp

Technical data

Connector	male, straight, grip body with thread, ET
Number of pins	4
Pin assignment	1 BN, 2 BU, 3 BK, 4 WH
Rated voltage	250V
Current load per pin (at 40°C)	7.5A
Insulation resistance	>=10⁹Ω
Ambient temperature product	-40°C...+90°C
Contact material	Metal, CuZn, nickel-plated
Grip body material	Plastic, TPU, BK
Locking	Snap lock
Degree of protection (mounted)	IP67, IP68, IP69K
Mechanical life-cycle	>100 mating cycles
Cable end assembly	open cable end
Degree of pollution	3
Style	straight

Cable web	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	6.40 mm
Cable-jacket material	PUR
Jacket color	BK, similar RAL9005
Wire cross-section	4 x 0.75 mm²
Wire insulation material	PP
Wire colors	BN, BU, BK, WH
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	10 x Ø-cable
Temperature range (repeated)	-30°C...+90°C
Temperature range (fixed)	-40°C...+90°C
Temperature range (drag chain)	-25°C…+60°C
Drag chain-application	2 Mio. cycles
Halogen-free	Yes
Torsion	+/-180°/m, ≥ 500.000 cycles
Rated voltage cable	≤300 V
Special features	flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, drag chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant

Classification	
eCl@ss 6.0	27279218
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855

Accessories
Marking rings Ø 9mm https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=809
Cable Stripping Tool https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215

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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