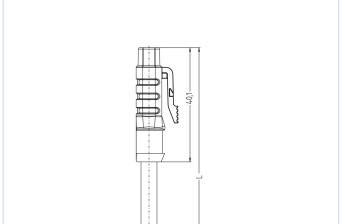


ETM, female, straight, 2 poles, Mobile Automation









	O (CH
Product data	
Item description	MA-ETM06-2S-10/S370
Item-No.	8119060
Length	10m
Customs tariff-No.	85444290
Step-File	MA-ETM06-2S-m.stp
EAN	4047106331030
Technical data	
Connector	female, straight, ETM
Number of pins	2
Pin assignment	1 BN, 2 BU
Rated voltage	250V
Current load per pin (at 40°C)	7.5A
Insulation resistance	>=10°Ω
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, \$370

Flexible, silicone- and halogen-free control line with high mechanical strength. The cable is chemicals, hydrolysis-, and microbes- resistant. The dragchain 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.

ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant		
Jacket color BK, similar RAL9005 Wire cross-section 2 x 0.75 mm² Wire insulation material PP Wire colors BN, BU Wire structure 42 x 0,15 mm 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 chain-adapted, welding sparks resistant, seawater resistant, silicone	Outer diameter of jacket	5.40 mm
Wire cross-section 2 x 0.75 mm² Wire insulation material PP Wire colors BN, BU Wire structure 42 x 0,15 mm 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 chain-adapted, welding sparks resistant, seawater resistant, silicone complex contents and chain-adapted, welding sparks resistant, seawater resistant, silicone contents and chain-adapted, welding sparks resistant, seawater resistant, silicone contents and chain-adapted, welding sparks resistant, seawater resistant, silicone contents and chain-adapted, welding sparks resistant, seawater resistant, silicone contents and chain-adapted.	Cable-jacket material	PUR
Wire insulation material PP Wire colors BN, BU Wire structure 42 x 0,15 mm Bending radius (fixed) 5 x Ø-cable Bending radius (repeated) 10 x Ø-cable Temperature range (repeated) 7-30°C+90°C Temperature range (fixed) 1-25°C+60°C Drag chain-application 2 Mio. cycles Halogen-free Yes Tosion 4/-180°/m, ≥ 500.000 cycles Rated voltage cable Special features flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant chain-adapted, welding sparks resistant, seawater resistant, sliicone contents and the singular designation of the singular designation of the seawater resistant, seawater resistant, sliicone contents and the singular designation of the seawater resistant, sliicone contents and the singular designation of the si	Jacket color	BK, similar RAL9005
Wire colors BN, BU Wire structure 42 x 0,15 mm Bending radius (fixed) 5 x Ø-cable Bending radius (repeated) 10 x Ø-cable Temperature range (repeated) 7-30°C+90°C Temperature range (fixed) 1-25°C+60°C Drag chain-application 2 Mio. cycles Halogen-free Yes Torsion 4/-180°/m, ≥ 500.000 cycles Rated voltage cable Special features flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant chain-adapted, welding sparks resistant, seawater resistant, silicone contents and chain-adapted, welding sparks resistant, seawater resistant, silicone contents and chain-adapted, welding sparks resistant, seawater resistant, silicone contents and chain-adapted, welding sparks resistant, seawater resistant, silicone contents and chain-adapted, welding sparks resistant, seawater resistant, silicone contents and chain-adapted, welding sparks resistant, seawater resistant, silicone contents and chain-adapted, welding sparks resistant, seawater resistant, silicone contents and chain-adapted, welding sparks resistant, seawater resistant, silicone contents and chain-adapted, welding sparks resistant, seawater resistant, silicone contents and chain-adapted, welding sparks resistant, seawater resistant, silicone contents and chain-adapted.	Wire cross-section	2 x 0.75 mm ²
Wire structure 42 x 0,15 mm 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 Special features flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant chain-adapted, welding sparks resistant, seawater resistant, silicone complements and chain-adapted, welding sparks resistant, seawater resistant, silicone complements and chain-adapted, welding sparks resistant, seawater resistant, silicone complements and chain-adapted, welding sparks resistant, seawater resistant, silicone complements and chain-adapted, welding sparks resistant, seawater resistant, silicone complements and chain-adapted.	Wire insulation material	PP
Bending radius (fixed) Bending radius (repeated) Temperature range (repeated) Temperature range (fixed) Temperature range (fixed) Temperature range (fixed) Temperature range (drag chain) Temperature range (fixed) Temperature ra	Wire colors	BN, BU
Bending radius (repeated) Temperature range (repeated) Temperature range (fixed) Temperature range (fixed) 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 Special features flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant chain-adapted, welding sparks resistant, seawater resistant, silicone stant chain-adapted.	Wire structure	42 x 0,15 mm
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 Special features flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant chain-adapted, welding sparks resistant, seawater resistant, silicone	Bending radius (fixed)	5 x Ø-cable
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 chain-adapted, welding sparks resistant, seawater resistant, silicone	Bending radius (repeated)	10 x Ø-cable
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 chain-adapted, welding sparks resistant, seawater resistant, silicone	Temperature range (repeated)	-30°C+90°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 chain-adapted, welding sparks resistant, seawater resistant, silicone for the compliant of the	Temperature range (fixed)	-40°C+90°C
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 chain-adapted, welding sparks resistant, seawater resistant, silicone to the compliant of the compl	Temperature range (drag chain)	-25°C+60°C
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 chain-adapted, welding sparks resistant, seawater resistant, silicone so	Drag chain-application	2 Mio. 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 chain-adapted, welding sparks resistant, seawater resistant, silicone	Halogen-free	Yes
Special features flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant chain-adapted, welding sparks resistant, seawater resistant, silicone	Torsion	+/-180°/m, ≥ 500.000 cycles
ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant chain-adapted, welding sparks resistant, seawater resistant, silicone	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

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/er/products/standard/accessories-for-connectivity/8066215

Link to product

https://www.escha.net/en/8119060