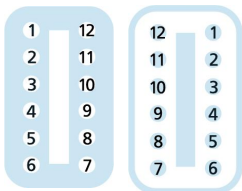
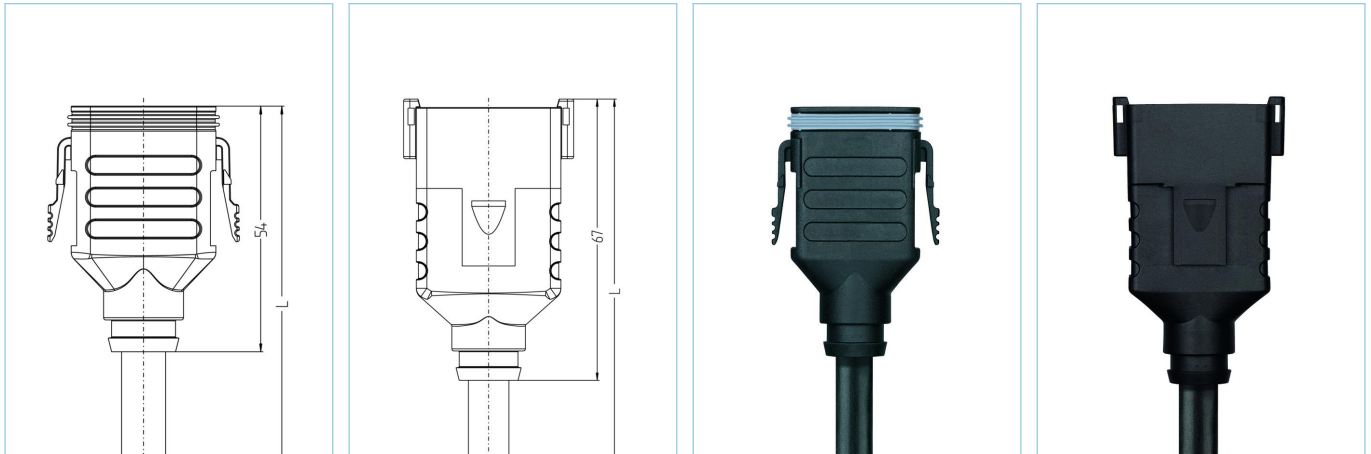


ET, female, straight, 12 poles, ET, male, straight, 12 poles, Mobile Automation



Product data		
Item description	MA-ET06-12S-m-MA-ET04-12P/S370	
Item-No.	V0012234	
Länge	on demand	
Customs tariff-No.	85444290	
Step-File	MA-ET06-12S-m-MA-ET04-12Pstp	
Technical data	A-side	B-side
Connector	female, straight, ET	male, straight, ET
Number of pins	12	12
Pin assignment	1 GN, 2 BN, 3 WH, 4 PK, 5 GY, 6 YE, 7 BU, 8 RD, 9 BK, 10 VT, 11 GY/PK, 12 RD/BU	1 GN, 2 BN, 3 WH, 4 PK, 5 GY, 6 YE, 7 BU, 8 RD, 9 BK, 10 VT, 11 GY/PK, 12 RD/BU
Rated voltage	250V	250V
Current load (at 40°C)	6A	6A
Insulation resistance	$\geq 10^9 \Omega$	$\geq 10^9 \Omega$
Ambient temperature product	-40°C...+90°C	-40°C...+90°C
Contact material	Metal, CuZn, nickel-plated	Metal, CuZn, nickel-plated
Grip body material	Plastic, TPU, BK	Plastic, TPU, BK
Locking	Snap lock	Snap lock
Sealing (female) material	silicone	
Degree of protection (mounted)	IP67, IP68, IP69K	IP67, IP68, IP69K
Mechanical life-cycle	>100 mating cycles	>100 mating cycles
Degree of pollution	3	3

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	9.50 mm
Cable-jacket material	PUR
Jacket color	BK, similar RAL9005
Wire cross-section	12 x 0,75 mm ²
Wire insulation material	PP
Wire colors	BN, WH, PK, GY, YE, BU, RD, BK, VT, GYPK, RDBU, GN
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, 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>