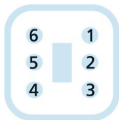
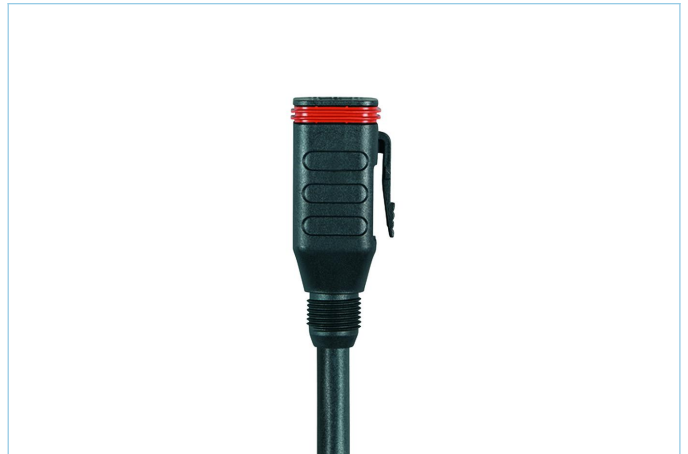
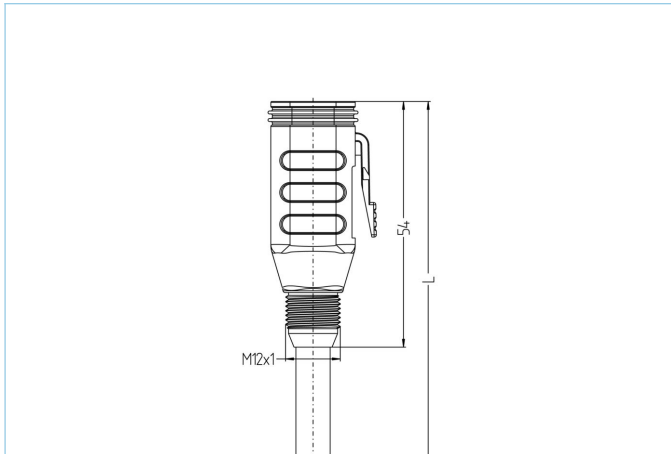


DT, female, straight, 6 poles, grip body with thread, Mobile Automation



Product data	
Item description	MA-DT06-6SG-2/S370
Item-No.	8101895
Length	2m
EAN	4047106300395
Technical data	
Connector	female, straight, grip body with thread, DT
Number of pins	6
Pin assignment	1 BN, 2 BU, 3 BK, 4 WH, 5 GY, 6 PK
Coding	A
Rated voltage	250V
Current load per pin (at 40°C)	7.5A
Insulation resistance	$\geq 10^8 \Omega$
Ambient temperature product	-40°C...+90°C
Contact material	Metal, CuZn, nickel-plated
Contact-carrier material	Plastic, TPU, BK
Grip body material	Plastic, TPU, BK
Sealing (female) material	silicone
Locking	Snap lock
Degree of protection (mounted)	IP67, IP68, IP69
Mechanical life-cycle	>100 mating cycles
Cable end assembly	open cable end
Degree of pollution	3
Style	straight

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	7.30 mm
Cable-jacket material	PUR
Jacket color	BK, similar RAL9005
Wire cross-section	6 x 0.75 mm ²
Wire insulation material	PP
Wire colors	BN, BU, BK, WH, GY, PK
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, seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant, hydrolysis proof, drag chain-adapted, torsion resistant, welding sparks resistant, halogen free, silicone free, oil resistant

Classification	
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eCl@ss 6.0	27279200
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>

Link to product

<https://www.escha.net/en/products/standard/deutsch-dt-connectors/8101895>