

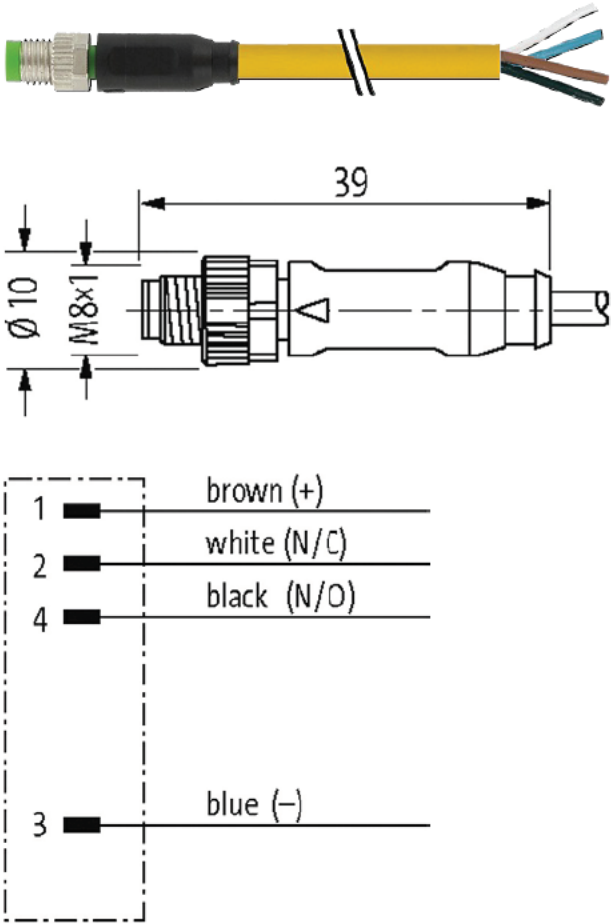
M8 male 0° with cable

PUR 4x0.25 ye UL/CSA+robot+drag cha n 10m

Ma e stra ght
M8, 4-po e
Art-No. 7005 - M8 L te - (p ast c hexagona screw) on request
w th cab e s eeves
P ast c hous ngs w th good res stance aga nst chem ca s and o s.
The res stance to aggress ve med a shou d be nd v dua y tested for your app cat on. Further deta s on request.
Further cab e engths on request.
Z nc d e cast ng, save-cover coated

Link to Product

Illustration



Produc may di er rom mage

Approvals



* on y for products w th UL/CSA approved cab e

cCSAus

Form

Form

080

General data	
Standards	DIN EN 6 076 2 04 (M8)
Mounting method	inserted tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Pollution Degree	3
Temperature range	25 +85 °C depending on cable quality
Cables	
No./diameter of wires	4 × 0.25 mm ²
Wire isolation	PP (br wh bl bk)
C track properties	0 Mio
Material (jacket)	PUR (UL/CSA) welding spark
Outer Ø	4.7 mm 5%
Bend radius (moving)	0 × outer Ø
Temperature range (fixed)	40 +80 °C
Temperature range (mobile)	25 +80 °C
Cable identification	05
Cable Type	5 (PUR schweißfunkenbeständig)
Approval (cable)	cURus (AWM Style 20549/ 0493); CE conform
Cable weight [g/m]	3.90
Material (wire)	Cu wire bare
Resistor (core)	max. 79 Ω/km (20 °C)
Single wire Ø (core)	0.25 mm
Construction (core)	32 × 0.25 mm (multi strand wire class 6)
Diameter (core)	4 × 0.25 mm ²
AWG	similar to AWG 24
Material (wire isolation)	PP
Material property (wire isolation)	CFC halogen cadmium silicone and lead free
Shore hardness (wire isolation)	74 3 D
Wire Ø incl. isolation	2.5 mm 5%
Color/numbering of wires	br bk bl wh
Stranding combination	4 wires twisted
Shield	no
Material (jacket)	PUR
Material property (jacket)	CFC halogen cadmium silicone and lead free matt low adhesion machine easy to process abrasion resistant hydrolysis microbial and welding spark resistant
Shore hardness (jacket)	58 3 D
Outer Ø (jacket)	4.7 mm 5%
Color (jacket)	yellow
chemical resistance	good resistance to oil gasoline and chemicals (EN 608 404)
thermal resistance	flame retardant UL FT2 EC 60332 EC 60332 2 2 welding spark resistant
Nominal voltage	300 V AC
Test voltage	2500 V AC
Current load capacity	to DIN VDE 0298 4
Temperature range (fixed)	40 +80 °C (+90 °C at max. 0.000 operating hours)
Temperature range (mobile)	25 +80 °C (+90 °C at max. 0.000 operating hours)
Bend radius (fixed)	5 × outer Ø
Bend radius (moving)	0 × outer Ø
No. of bending cycles (C track)	max. 0 Mio (25 °C)

Traversing distance (C track)	max 5 m (horizontal)
Travel speed (C track)	max 3.3 m/s
Acceleration (C track)	max 5 m/s ²
Torsion stress	360°/m
No. of torsion cycles	max Mio (25 °C)
Torsion speed	35 cycles/min
Jacket Color	yellow

Technical Data

Operating voltage	max 50 V AC/60 V DC
Operating voltage (only UL listed)	30 V AC/DC
Rated surge voltage	5 kV
Operating current per contact	max 4 A
No. of poles	4
Material group	EC 60664 category
Locking of ports	Screw thread (M8× mm) recommended torque 0.4 Nm self securing
Compression gland	M8 (SW9)
Protection	P65 P66K P67 inserted and tightened (EN 60529)
Material	PUR
suitable for corrugated tube (internal Ø)	6.5 mm
Locking material	Zinc die casting save cover coated

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879420990
eClass	272792 8
Packaging unit	

Sketch

Male



Product image may differ from reality