

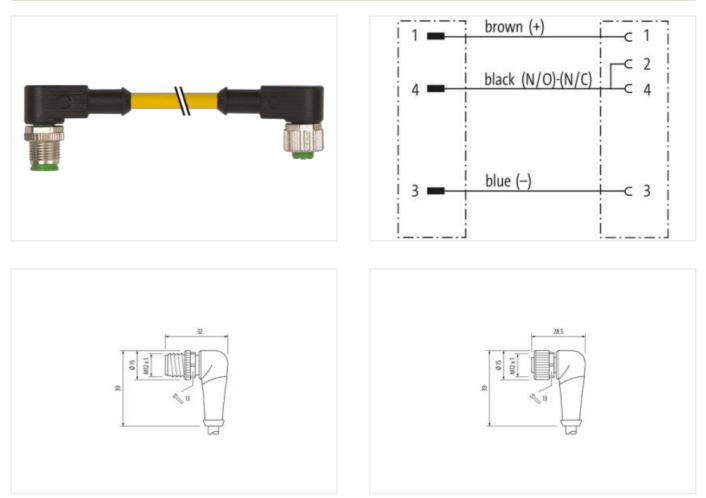
M12 male 90° / M12 female 90° A-cod.

PUR 3x0.34 ye UL/CSA+robot+drag ch. 0.3m

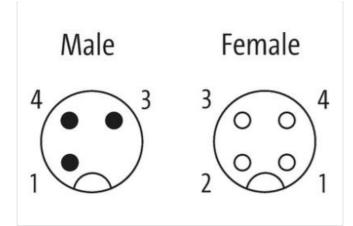
Male 90° – female 90° M12 – M12, 3-pole bridged Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product









Product may differ from Image



de 1 Intening torque 0,6 Nm unting method inserted, screwed mily construction form M12 read M12 x 1 table for corrugated tube (internal Ø) 10 mm ding A terial PUR dth across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 de 2 Unting method inserted, screwed mily construction form M12 table for corrugated tube (internal Ø) 10 mm gree of protection (EN IEC 60529) IP66K, IP67 de 2 table for corrugated tube (internal Ø) 10 mm ing gree of protection form M12 x 1 table for corrugated tube (internal Ø) 10 mm ding A terial PUR dth across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 ommercial data PUR dth across flats SW13 gree of protection (EN IEC 60529)		
bit 0.6 Nm unting method inserted, screwed mily construction form M12 read M12 x 1 table for corrugated tube (internal Ø) 10 mm ding A terial PUR dth across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 dte 2 Image: Screwed unting method inserted, screwed mily construction form M12 table for corrugated tube (internal Ø) 0.6 Nm unting method inserted, screwed mily construction form M12 table for corrugated tube (internal Ø) 10 mm ding A table for corrugated tube (internal Ø) 10 mm ding A table for corrugated tube (internal Ø) 10 mm ding A terial PUR dth across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 ommercial data Screwed unting method Screwed <td>Cable length</td> <td>0,3 m</td>	Cable length	0,3 m
uning method inserted, screwed mily construction form M12 read M12 x 1 table for corrugated tube (internal Ø) 10 mm ding A terial PUR tharcoss flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 de 2 thering torque 0,6 Nm uning method inserted, screwed mily construction form M12 read M12 x 1 table for corrugated tube (internal Ø) 10 mm ding A terial PUR thath across flats SW13 gree of protection (EN IEC 60529) 10 mm ding A table for corrugated tube (internal Ø) 10 mm ding A terial PUR tith across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 ommercial data FUR tith across flats SW13 gree of protection (EN IEC 60529)	Side 1	
mily construction form M12 read M12 x 1 table for corrugated tube (internal Ø) 10 mm ding A terial PUR thacross flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 de 2 thening torque 0.6 Nm unting method inserted, screwed mily construction form M12 x 1 table for corrugated tube (internal Ø) 10 mm ding A terial PUR stable for corrugated tube (internal Ø) 10 mm table for corrugated tube (internal Ø) 10 mm ding A terial PUR tith across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 ommercial data SW13 gree of protection (EN IEC 60529) IP66K, IP67 ommercial data SW14290 ckaging unit 1 etcrical data Supply 1	Tightening torque	0,6 Nm
read M12 x 1 table for corrugated tube (internal Ø) 10 mm ding A terial PUR ttarsos flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 de 2 Immercial data httening torque 0.6 Nm unting method inserted, screwed mily construction form M12 x table for corrugated tube (internal Ø) 10 mm ding A terial PUR distable for corrugated tube (internal Ø) 10 mm ding A terial PUR dth across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 ommercial data SW13 gree of protection (EN IEC 60529) IP66K, IP67 ommercial data SW13 stass 6.0 27061801 stoms tariff number 85444290 ckaging unit 1 tertrical data Supply 1	Mounting method	inserted, screwed
table for corrugated tube (internal Ø) 10 mm ding A terial PUR dth across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 ide 2 Internation (Internation (Interation (Internation (Internation (Internation (Interation	Family construction form	M12
dingAterialPURdth across flatsSW13gree of protection (EN IEC 60529)IP66K, IP67ide 2IP66K, IP67unting methodinserted, screwedmily construction formM12readM12 x 1table for corrugated tube (internal Ø)10 mmdingAterialPURthacross flatsSW13gree of protection (EN IEC 60529)IP66K, IP67ommercial dataSW13gree of protection (EN IEC 60529)IP66K, IP67ommercial dataSU4290ckaging unit1tertical SupplySt444290	Thread	M12 x 1
PUR dth across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 de 2	suitable for corrugated tube (internal Ø)	10 mm
Answer SW13 gree of protection (EN IEC 60529) IP66K, IP67 ide 2	Coding	A
gree of protection (EN IEC 60529) IP66K, IP67 ide 2	Material	PUR
ide 2 0,6 Nm httening torque 0,6 Nm nunting method inserted, screwed mily construction form M12 read M12 x 1 table for corrugated tube (internal Ø) 10 mm ding A terial PUR dth across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 ommercial data FLASS-6.0 27061801 stoms tariff number 85444290 ckaging unit 1	Width across flats	SW13
Intening torque 0,6 Nm inunting method inserted, screwed mily construction form M12 read M12 x 1 table for corrugated tube (internal Ø) 10 mm ding A ttarial PUR dth across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 ommercial data ELASS-6.0 27061801 stoms tariff number 85444290 ckaging unit 1	Degree of protection (EN IEC 60529)	IP66K, IP67
uniting method inserted, screwed mily construction form M12 read M12 x 1 table for corrugated tube (internal Ø) 10 mm ding A tterial PUR dth across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 ommercial data 27061801 stoms tariff number 85444290 ckaging unit 1	Side 2	
mily construction formM12readM12 x 1table for corrugated tube (internal Ø)10 mmdingAtterialPURdth across flatsSW13gree of protection (EN IEC 60529)IP66K, IP67Ommercial dataELASS-6.027061801storms tariff number85444290ckaging unit1	Tightening torque	0,6 Nm
read M12 x 1 table for corrugated tube (internal Ø) 10 mm ding A tterial PUR dth across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 onmercial data ELASS-6.0 27061801 storns tariff number 85444290 ckaging unit 1	Mounting method	inserted, screwed
table for corrugated tube (internal Ø) 10 mm ding A tterial PUR dth across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 ommercial data ELASS-6.0 27061801 storns tariff number 85444290 ckaging unit 1	Family construction form	M12
dingAtterialPURdth across flatsSW13gree of protection (EN IEC 60529)IP66K, IP67Ommercial dataELASS-6.027061801stoms tariff number85444290ckaging unit1	Thread	M12 x 1
tterialPURdth across flatsSW13gree of protection (EN IEC 60529)IP66K, IP67ommercial dataeLASS-6.0stoms tariff number85444290ckaging unit1lectrical data Supply	suitable for corrugated tube (internal $Ø$)	10 mm
dth across flats SW13 gree of protection (EN IEC 60529) IP66K, IP67 ommercial data cLASS-6.0 stoms tariff number 85444290 ckaging unit 1	Coding	A
gree of protection (EN IEC 60529) IP66K, IP67 ommercial data CLASS-6.0 27061801 stoms tariff number 8544290 ckaging unit 1 Intertrical data Supply	Material	PUR
ommercial data 27061801 stASS-6.0 27061801 stoms tariff number 85444290 ckaging unit 1	Width across flats	SW13
ELASS-6.0 27061801 stoms tariff number 8544290 ckaging unit 1 Iectrical data Supply	Degree of protection (EN IEC 60529)	IP66K, IP67
stoms tariff number 85444290 ckaging unit 1	Commercial data	
ckaging unit 1 lectrical data Supply	ECLASS-6.0	27061801
lectrical data Supply	customs tariff number	85444290
	Packaging unit	1
erating voltage AC max. 250 V	Electrical data Supply	
	Operating voltage AC max.	250 V
erating voltage DC max. 250 V	Operating voltage DC max.	250 V
erating voltage AC (UL-listed) 30 V	Operating voltage AC (UL-listed)	30 V
erating voltage DC (UL-listed) 30 V	Operating voltage DC (UL-listed)	30 V
rrent operating per contact max. 4 A	Current operating per contact max.	4 A
stallation Connection	Installation Connection	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	safe-cover coated
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
· · · ·	
Operating temperature min. Operating temperature max.	-25 °C 85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	053
Cable Type	5
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	29,7 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,3 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
ouncill load capacity (standard)	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



Electrical resistance line constant wire	60 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19