

## M12 male 0° / M12 female 90° A-cod. LED

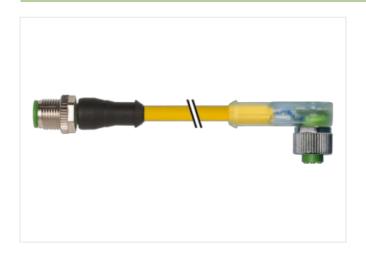
PUR 5x0.34 ye UL/CSA+robot+drag ch. 5m

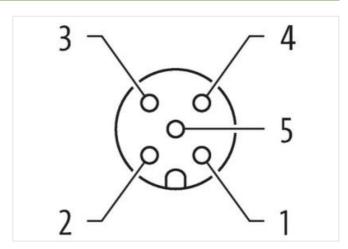
Male straight – female 90°
Zinc die casting, save-cover coated
M12 – M12, 5-pole
3× LED (PNP), (NPN) on request
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request
Plastic housings with good resistance against chemicals and oils.

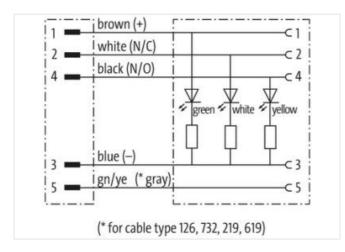
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

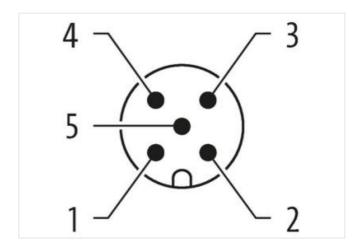
## **Link to Product**

## Illustration



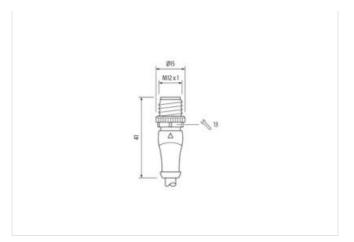


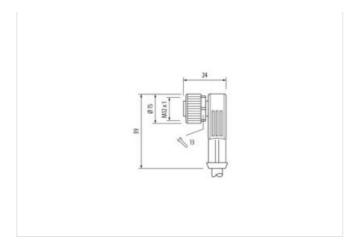






stay connected





Product may differ from Image











Cable length	5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	5
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290



stay connected

Coperating voltages DC min.	GTIN	4048879295543	
Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Common operating voltage DC max.         4 A           Diagnostics         Status indication LED         green, white, yellow           Installation [Comnection         M12 x 1           Mounting set         M12 x 1           Device protection [Electrical         Additional condition protection degree           Additional condition protection degree         3           Raud augo voltage         0.8 V           Makerial group (IEC 66664-1)         1           Machanical data   Material data         1. Contains a contain of the protection degree           Coating of litting         nicker potential           Every connection         2 Inc die casting           Material sarew connections in mineral connections in potential connec	Packaging unit	1	
Operating voltage DC min         18 V           Operating voltage DC max         30 V           Operating voltage DC max         4 A           Operating voltage DC max         4 A           Operating voltage DC max         4 A           Description Department of the provided of max         4 A           Description Department of the provided of max         M12 x 1           Description Department of the provided of max in the provided of ma	Electrical data   Supply		
Operating voltage DC min         18 V           Operating voltage DC max         30 V           Operating voltage DC max         4 A           Operating voltage DC max         4 A           Operating voltage DC max         4 A           Description Department of the provided of max         4 A           Description Department of the provided of max         M12 x 1           Description Department of the provided of max in the provided of ma	Operating voltage DC	24 V	
Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Diagnostics         V           Status indication LED         green, white, yellow           Installation [Connection         M12 x 1           Device projection [Electrical         M12 x 1           Additional condition projection of projection degree         installation [Connection           Ratidional condition projection of projection of projection degree         3           Pollution Diagree         3           Ratidional condition projection of projection degree         1           Makerial group (IEC 60664-1)         I           Makerial group voltage         asé-cover coated           Coating of Iding         nickal plated           Locking national data         Makerial group voltage           Multiple (IEC 60664-1)         I           Mounting method         inserted, soeweed, Shaking protection           Environmental characteristics   Cl			
Operating vallage DC max. (UL sider)         30 Y           Current operating per contact max.         4 A           Diagnostics         Status indication LED         green, white, yellow           Installation   Connection         M12 x 1           Mounting set         M12 x 1           Powice protection   Electrical         Additional condition protection degree           Pollution Degree         3           Rated surge voltage         0,8 kV           Meterial group (IEC 66664+)         I           Mechanical data   Material data         I           Coating of fitting         nickle plated           Locking material         2 inc de-casting           Material group (IEC 66664+)         2 inc de-casting           Material screw connection         2 inc de-casting           Material screw connection         2 inc de-casting           Material screw connection         2 inc de-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climate         Control operating temperature mix.           Operating temperature mix.         25 °C           Operating temperature mix.         45 °C           Operating temperature mix.         45 °C           Operating temperature mix.         45 °C <td></td> <td>30 V</td>		30 V	
Current operating per contact max.         4 A           Diagnostics         Status indication LED         green, white, yellow           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         M2 x 1           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge votage         0,8 kV           Mechanical data   Material data         Machinal proup (EC 80684.1)         1           Mechanical data   Material data         Zim de-casting           Coating locking         safe cover coated           Coating of firmg         mixel plated           Locking material         Zim de-casting           Mechanical data   Mounting data         Machinal processor commercion         Zim de-casting           Mechanical data   Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climate         Environmental characteristics   Climate           Poperating temperature max.         25 °C           Operating temperature max.         25 °C           Operating temperature max.         25 °C           Operating temperature max.         25 °C           Conformity           Protect the connectors		30 V	
Status indication LED         green, white, yellow           Instaliation   Connection           Mounting set         M12 x 1           Power protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.9 ktV           Mechanical data   Material data         Inserted Secretary (EC 60664-1)         1           Mechanical data   Material screw of thing         safe-cover coated           Coating locking         safe-cover coated         Coating locking         safe-cover coated           Coating of fitting         nickel plated           Locking material         Zinc die-casting         Coating           Material Serve connection         Zinc die-casting           Material Serve connection           Material Serve connection           Material Serve connection           Material Mounting data           Material Mounting data           Material Mounting data           Material Mounting data           Environmental characteristics   Climatic           Coating prograture min.         25 °C <th co<="" td=""><td></td><td>4 A</td></th>	<td></td> <td>4 A</td>		4 A
Installation   Connection           Mouning set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Ratical grapp voltage         0.8 kW           Machinal group (EC 60664-1)         1           Mechanical data   Material data         1           Coating Dicking         safe-cover coated           Coating Dicking         inckel plated           Locking material         Zinc die-casting           Multerial screw connection         Zinc die-casting           Multerial screw connection         Zinc die-casting           Multerial screw connections (Street and Street and Stree	Diagnostics		
Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (EC 60664.1)         1           Coating locking         safe cover coated           Coating of fitting         incke plated           Locking material         Zinc die-casting           Meterial screw connection         Zinc die-casting           Mechanical datal Mounting date         Mechanical datal Mounting date           Mechanical datal Mounting date         Servewed, Shaking protection           Environmental characteristics [Climatic         Coating pemperature min.         -25 °C           Operating temperature range         45 °C         Coperating temperature range         45 °C           Operating temperature range         45 °C         Coperating temperature range         45 °C           Operating temperature range         45 °C         Coperating temperature range         45 °C           Note on bardian relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Note on bardian relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.	Status indication LED	green, white, yellow	
Device protection   Electrical	Installation   Connection		
Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60684-1)         1           Mechanical data   Material data         Image: Coaling locking         safe-cover coated           Coating locking         coaling decking         coaling decking           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Munting data         Mechanical data   Munting data           Mechanical data   Munting data	Mounting set	M12 x 1	
Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (ISC 80664+1)         1           Mechanical data   Material data	Device protection   Electrical		
Rated surge voltage         0,8 kV           Material group (IEC 60684-1)         1           Mechanical data   Material date         V           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           Environmental characteristics   Climatic         V           Coperating temperature min         -25 °C           Operating temperature max         85 °C           Additional condition temperature range         depending on cable quality           Important Installation notes         Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ites.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endanguered by excessive bending forces.           Contornity         Product standard         DIN EN 61078-2-101 (M12)           Installation   Cable         Diversion   Cable	Additional condition protection degree	inserted, screwed	
Metarial group (IEC 60664-1)         I           Mechanical data   Material data           Coating locking         safe-cover coated           Coating filtring         nickel plated           Locking material         Zinc die-casting           Material serew connection         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         -2.5 °C           Operating temperature max.         85 °C         -Coperating temperature range         depending on cable quality           Important installation notes         Vote 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 I Cable         Votes a standard         Drown, black, blue, white, green-yellow           Cable identification         055         Cable identification         055           Cable identification         055         Cable identification         056      <	Pollution Degree	3	
Mechanical data   Material data         sale-cover coated           Coating locking         sale-cover coated           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method           Environmental characteristics   Climatic         Company of the properature min.         -25 °C           Operating temperature min.         -25 °C         Qenating temperature may.         48 °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         wire arrangement         brown, black, blue, white, green-yellow           Cable identification         055           Cable identification         055           Cable identification         055           Cable identification         055           Cable identificat	Rated surge voltage	0,8 kV	
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         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Comparing temperature min.         -25 °C           Operating temperature min.         -85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         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)           Product standard         DIN En 61076-2-101 (M12)           Installation [dabe         John En Graph (Entrification)         Secure of Control (M12)           View arrangement         Brown, black, blue, white, green-yellow           Cable tontification         95           Cable Type of Certificate         CURsus           Amount stranding         1           Filler         yes           Stranding         5 wires around Core filler twisted           Filler         yes           Stranding         5 ± 8 ± 3		I	
Coating of litting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature remay.         des red.           Mote 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         Wire arrangement         brown, black, blue, white, green-yellow           Cable Injunction         5         S           Jacket Color         yellow           Type of Certificate         cURUS           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           Cable weigh         41.8 g/m	Mechanical data   Material data		
Coating of litting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature remay.         des red.           Mote 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         Wire arrangement         brown, black, blue, white, green-yellow           Cable Injunction         5         S           Jacket Color         yellow           Type of Certificate         cURUS           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           Cable weigh         41.8 g/m	Coating locking	safe-cover coated	
Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical datal Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         abs °C           Additional condition temperature range         berough on cable quality           Important installation notes         Very control 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         DIN EN 61076-2-101 (M12)           Installation   Cable (dentification)         055           Cable (dentification)         055           Cable (applied applied (dentification)         055           Cable (valied (dentification)         055           Stranding         5 wires around Core filler twisted           Filler         yes			
Material screw connection         Zinc die-casting           Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature many.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         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         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         Product standard           Installation   Cable         DIN EN 61076-2-101 (M12)           Installation   Cable         Wire arrangement           wire arrangement         095           Cable Identification         095           Cable Identification         095           Cable Identification         095           Cable Very of Certificate         URus           Amount standing         1           Stranding         5 wires aroun		<u>`</u>	
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Operating temperature min25 °C Operating temperature max. 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 Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-101 (M12)  Installation   Cable wire arrangement brown, black, blue, white, green-yellow Cable identification 055 Cable Type 5 Jacket Color yellow Type of Certificate UHRs Amount stranding 1 Stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigh 41,8 g/m Material jacket PUR Shore hardness jacket 58 ± Shore D Freedom from ingredients (jacket) 5 mm Tolerance outer diameter (skeath) ± 5 %		<del>-</del>	
Environmental characteristics   Climatic Operating temperature min.	Mechanical data   Mounting data		
Environmental characteristics   Climatic Operating temperature min.	Mounting method	inserted, screwed. Shaking protection	
Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         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           Installation   Cable         DIN EN 61076-2-101 (M12)           Installation   Cable         Wire arrangement           Cable identification         055           Cable Type         5           Jacket Color         yellow           Type of Certificate         cURs           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           Cable weigth         41,8 g/m           Material jacket         PUR           Shore hardness jacket         58 ± 3 Shore D           Freedom from ingredients (jacket)         lead-free, cadmium-free, CF	-		
Operating temperature max. 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.  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  wire arrangement brown, black, blue, white, green-yellow  Cable identification 055  Cable Type 5  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 5 wires around Core filler twisted  Filler yes  wire arrangement brown, black, blue, white, green-yellow  Cable weigth 41,8 g/m  Material jacket PUR  Shore hardness jacket   Bat 3 Shore D  Freedom from ingredients (jacket)   Ead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5 mm  Tolerance outer diameter (sheath) ± 5 %	·		
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.  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  wire arrangement brown, black, blue, white, green-yellow  Cable identification 055  Cable Type 5  Cable Type 5  Cable Type 5  Cable Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 5 wires around Core filler twisted  Filler yes  wire arrangement brown, black, blue, white, green-yellow  Cable weight 41.8 g/m  Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) 1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) ± 5 m  Tolerance outer diameter (sheath) ± 5 %			
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         Image: Ima			
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  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 wire arrangement brown, black, blue, white, green-yellow  Cable identification 055  Cable Type 5  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 5 wires around Core filler twisted  Filler yes wire arrangement brown, black, blue, white, green-yellow  Cable wire arrangement brown, black, blue, white, green-yellow  Stranding 5 wires around Core filler twisted  Filler yes wire arrangement brown, black, blue, white, green-yellow  Cable weight 41,8 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) 5 mm  Tolerance outer diameter (sheath) ± 5 %			
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           wire arrangement         brown, black, blue, white, green-yellow           Cable identification         055           Cable Type         5           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           Cable weighth         41,8 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)         5 mm           Tolerance outer diameter (sheath)         ± 5 %	•	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties	
Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           wire arrangement         brown, black, blue, white, green-yellow           Cable identification         055           Cable Type         5           Jacket Color         yellow           Type of Certificate         cURus           Amount stranding         1           Stranding         5 wires around Core filler twisted           Filler         yes           wire arrangement         brown, black, blue, white, green-yellow           Cable weigth         41,8 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)         5 mm           Tolerance outer diameter (sheath)         ± 5 %		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	
Product standard DIN EN 61076-2-101 (M12)  Installation   Cable  wire arrangement brown, black, blue, white, green-yellow  Cable identification 055  Cable Type 5  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 5 wires around Core filler twisted  Filler yes  wire arrangement brown, black, blue, white, green-yellow  Cable weigth 41,8 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) 5 mm  Tolerance outer diameter (sheath) ± 5 %		endangered by excessive bending forces.	
Installation   Cablewire arrangementbrown, black, blue, white, green-yellowCable identification055Cable Type5Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding5 wires around Core filler twistedFilleryeswire arrangementbrown, black, blue, white, green-yellowCable weigth41,8 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %	Conformity		
wire arrangement brown, black, blue, white, green-yellow Cable identification 055 Cable Type 5 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 41,8 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) 5 mm Tolerance outer diameter (sheath) ± 5 %	Product standard	DIN EN 61076-2-101 (M12)	
Cable identification 055 Cable Type 5 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 41,8 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) 5 mm Tolerance outer diameter (sheath) ± 5 %	Installation   Cable		
Cable Type 5 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 41,8 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) 1 ead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5 mm Tolerance outer diameter (sheath) ± 5 %	wire arrangement	brown, black, blue, white, green-yellow	
Jacket Color Type of Certificate CURus  Amount stranding 1 Stranding 5 wires around Core filler twisted  Filler yes wire arrangement brown, black, blue, white, green-yellow  Cable weigth 41,8 g/m  Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) Duter-diameter (jacket) 5 mm  Tolerance outer diameter (sheath)   yellow  5 wires around Core filler twisted  5 wires around Core filler twisted  1  1  1  1  1  1  1  1  1  1  1  1  1	Cable identification	055	
Type of Certificate cURus  Amount stranding 1  Stranding 5 wires around Core filler twisted  Filler yes wire arrangement brown, black, blue, white, green-yellow  Cable weigth 41,8 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) 5 mm  Tolerance outer diameter (sheath) ± 5 %	Cable Type	5	
Amount stranding 1 Stranding 5 wires around Core filler twisted  Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 41,8 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) 5 mm  Tolerance outer diameter (sheath) ± 5 %	Jacket Color	yellow	
Stranding 5 wires around Core filler twisted  Filler yes wire arrangement brown, black, blue, white, green-yellow  Cable weigth 41,8 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) 5 mm  Tolerance outer diameter (sheath) ± 5 %	Type of Certificate	cURus	
Filler yes wire arrangement brown, black, blue, white, green-yellow Cable weigth 41,8 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) 5 mm Tolerance outer diameter (sheath) ± 5 %			
wire arrangement brown, black, blue, white, green-yellow  Cable weigth 41,8 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) 5 mm  Tolerance outer diameter (sheath) ± 5 %		1 11 11 11 11 11 11 11 11 11 11 11 11 1	
Cable weigth41,8 g/mMaterial jacketPURShore hardness jacket58 ± 3 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %		•	
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) 5 mm Tolerance outer diameter (sheath) ± 5 %			
Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5 mm  Tolerance outer diameter (sheath) ± 5 %			
Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket)  5 mm  Tolerance outer diameter (sheath)  ± 5 %	<u> </u>		
Outer-diameter (jacket) 5 mm Tolerance outer diameter (sheath) ± 5 %			
Tolerance outer diameter (sheath) ± 5 %			
	Material wire insulation	PP	

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: 2024-05-20



Amount wires	5
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
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
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   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min