

# M12 male 90° A-cod. with cable shielded

PUR 4x0.34 shielded gy UL/CSA 5m

## **⚠ NOTICE ⚠**

### PRODUCT WILL BE DISCONTINUED BY JUNE 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS. Male 90°

M12, 4-pole

shielded

A-coded

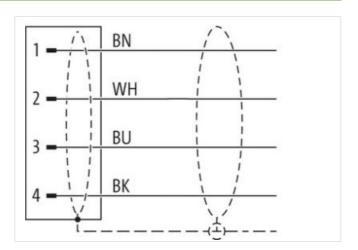
Plastic housings with good resistance against chemicals and oils.

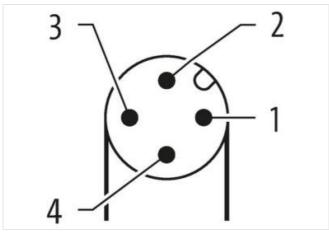
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

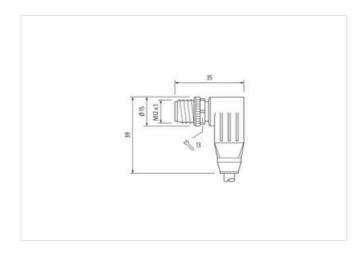
#### **Link to Product**

#### Illustration









Product may differ from Image















stay connected

Side	Cable length	5 m	
Mauring method   method   method   mod plated	Side 1		
Casting contact         gold plated           Tamely construction form         M12 x 1           Tamely construction form         M12 x 1           Coding         A           Material         PUR           No. ol polies         4           Width across flats         SW13           Degree of protection (IR NEC 00529)         IPSE, IP66K, IP67           Sife Q2         V           Stripping longth (lacket)         20 mm           Coating contact         gold plated           ECLASS-6.0         27279218           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.1.1         27000311           ECLASS-1.2.0         27000311	Tightening torque	0,6 Nm	
Family construction form         M12 x 1           Thread         M12 x 1           Coding         A           Material contact         Copper alloy           Morrian         PUR           No. of poles         4           Width across litals         SW13           Degree of protection (RN IEC 60529)         IPS6, IP6K, IP67           Side 2         Stripping length (socket)           Contage contact         gold pated           Contage contact         gold pated           Contage contact         gold pated           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27068311           ECLASS-9.0         27068311           ECLASS-9.0         27068311           ECLASS-10.1         27068311           ECLASS-10.2         27068311           ECLASS-10.3         2601955           customs tariff number         8544290           GTIN         4048879322225           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage DC (UL-listed)         30 V           Operatin	Mounting method	inserted, screwed	
Tread	Coating contact	gold plated	
Coding         A           Material contact         Coppor alloy           Material         PUR           No. of poles         4           Width across flats         SW3           Degree of protection (EN IEC 80529)         IP56, IP66K, IP67           Side 2           Side 2           Side 3           Commercial date           CLASS 9.0           CALASS 9.0         27278218           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.0         27060311           ECLASS 9.0         2000319           ECLASS 9.0         2000319 <th colsp<="" td=""><td>Family construction form</td><td>M12</td></th>	<td>Family construction form</td> <td>M12</td>	Family construction form	M12
Material contact         Copper alloy           Material contact         PUR           No. of poles         4           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         SW1901 length (jacket)         20 mm           Coating contact         gold plated           Commercial date         Commercial state           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2         27060311           ECLASS-1.2         27060311           ECLASS-1.3         2754031           ECLASS-1.2         27060311           ECLASS-1.2         27060311           ECLASS-1.2         27060311           ECLASS-1.2	Thread	M12 x 1	
Material         PUR           No. of poles         4           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Simpleng length (jacket)           Simpleng length (jacket)         20 mm           Casting contact         gold plated           Commercial data         Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27660311           ECLASS-11.1         27060311           ECLASS-12.0         277060311           ECLASS-13.0         277060311           ECLASS-10.1         27060311           ECLASS-10.2         27060311           ECLASS-10.3         2707060311           ECLASS-10.2         270706311 </td <td>Coding</td> <td>A</td>	Coding	A	
No. of poles	Material contact	Copper alloy	
Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2         Page of protection (EN IEC 60529)         IP65, IP66K, IP67           Stripping longth (jacket)         20 mm           Coaling contact         gold plated           Commercial data           ECLASS-6.0           ECLASS-6.1         2778/218           ECLASS-7.0         22779/218           ECLASS-9.0         2779/218           ECLASS-9.0         2776/0311           ECLASS-9.0         2776/0311           ECLASS-1.1         2776/0311           ECLASS-1.2.0         276/0311           ECLASS-1.1         276/0311           ECLASS-1.2.0         276/0311           ECLASS-1.1         276/0311           ECLASS-1.2.0         276/0311           ECLASS-1.1         276/0311           ECLASS-1.2.0         1           Customating International Marketing	Material	PUR	
Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2           Stripping length (jacket)         20 mm           Coading contact         gold plated           Coading contact           Coading contact max         60 V           Coading contact max         60 V           Coading contact max         4 A           Coading contact max         4 A           Coading contact max         4 A	No. of poles	4	
Side 2           Stripping longtin (jackeu)         20 mm           Coating contact         gold plated           Commercial data         ***Commercial data***           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879322225           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC max.         60 V           Operating voltage PC (UL-listed)         30 V           Operating voltage pc Cortact max.         4 A           Display (active protection   Electrical Play (active protection   Electrical Play (active protection	Width across flats	SW13	
Stripping length (jacket)         20 mm           Coating contact         gold plated           Commercial data           ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27690311           ECLASS-9.0         27660311           ECLASS-10.1         27660311           ECLASS-11.1         27060311           ECLASS-12.0         27660311           ECLASS-12.0         27660311           ECLASS-12.0         27660311           ECLASS-12.0         27660311           ECTIN         4048873322225           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         30 V           Stripping length (jacket)         0 mm           Mounting set         M12 x 1           Device protection   Electrical Action of Loca	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
Coaling contact         gold plated           Commercial data         Commercial data           ECLASS 6.0         27279218           ECLASS 7.0         27279218           ECLASS 7.0         27279218           ECLASS 9.0         2769311           ECLASS 9.0         2769311           ECLASS 10.1         2769311           ECLASS 11.1         2769311           ECLASS 12.0         2769311           ETIM-5.0         EC001855           ususions lariff number         85444290           GTIN         4048879322225           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating per contact max.         4 A           Biopositics         30 V           Status indication LED         no           Mounting set         M12 X 1           Device protection   Electrical Additional Connection         M12 X 1           Multiplication Legistrical (action Material data Material group (IEC 60664-1)         1 I.           Met	Side 2		
Commercial data           ECLASS-8.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279918           ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           EURISS-12.0         27060311           CUASS-12.0         E001855           customs tariff number         85444290           GTIN         4048979322225           packaging init         1           Electrical data   Supply           Operating vollage AC max.         60 V           Operating vollage AC (UL-listed)         30 V           Operating vollage AC (UL-listed)         30 V           Operating vollage AC (UL-listed)         30 V           Operating per contact max.         4 A           Diagnostics         Stripping length (jacket)           Stripping length (jacket)         20 mm           Mounting set         Mit x 1           Pevice protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3	Stripping length (jacket)	20 mm	
ECLASS-6.0         27279218           ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         ECO01855           usustoms tariff number         8544290           GTIN         4048879322225           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Status indication LED         no           Installation (Connection         X1 x 1           Device protection	Coating contact	gold plated	
ECLASS-6.1         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         EC01855           customs tariff number         65444290           GTIN         404887932225           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Status indication LED         no           Installation   Connection           Strippin length (jacket)         20 mm           Mounting set         Mi2 x 1           De	Commercial data		
ECLASS-6.1         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         EC01855           customs tariff number         65444290           GTIN         404887932225           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Status indication LED         no           Installation   Connection           Strippin length (jacket)         20 mm           Mounting set         Mi2 x 1           De		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           ECLASS-12.0         ECO1855           customs tariff number         85444290           GTIN         4048879322225           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Designation   Connection           Status indication LED         no           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed			
ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           customs tariff number         85444290           GTIN         4048879322225           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.           60 V         Operating voltage AC (U-listed)           30 V         Operating per contact max.           A A           Diagnostics           Status indication LED         no           Installation   Connection           Status indication   LED           Mounting set         M12 x 1           Device protection   Electrical			
ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC01855           customs tariff number         85444290           GTIN         404887932225           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC (IL-listed)         30 V           Operating voltage AC (IL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection         Stripping length (facket)           Stripping length (facket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data           Coating of			
ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         EC001855           customs tariff number         85444290           GTIN         4048879322225           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)           Status Indication LED         no           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Poliution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data           Coating of fi			
ECLASS-12.0         27060311           ETIM-5.0         EC001885           customs tariff number         85444290           GTIN         4048879322225           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Stripping length (facket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data           Coating of fitting         nickel plated           Locking material         Zinc die-casting			
ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879322225           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         60 V           Operating voltage BC max.         60 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED         no           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data           Coating foliting         nickel plated           Locking material         Zinc die-casting			
ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879322225           Packaging unit         1           Electrical data   Supply         Operating voltage AC max.         60 V           Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics           Status indication LED           no           Installation   Connection           Stripping length (jacket)         20 mm           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Nickel plated           Locking material		27060311	
GTIN 4048879322255 Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 60 V  Operating voltage AC (UL-listed) 30 V  Operating voltage DC (UL-listed) 30 V  Current operating per contact max. 4 A  Diagnostics  Status indication LED no  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking material Zinc die-casting  Material screw connection Zinc die-casting  Material screw connection Zinc die-casting		EC001855	
Packaging unit 1  Electrical data   Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating per contact max. 4 A  Diagnostics Status indication LED no Installation   Connection Stripping length (jacket) 20 mm Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Material Screw connection Zinc die-casting Material screw connection Zinc die-casting	customs tariff number	85444290	
Electrical data   Supply       Operating voltage AC max.     60 V       Operating voltage DC max.     60 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Diagnostics       Status indication LED     no       Installation   Connection       Stripping length (jacket)     20 mm       Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting	GTIN	4048879322225	
Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 4 A  Diagnostics Status indication LED no Installation   Connection Stripping length (jacket) 20 mm Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data Coating locking Nickeled Coating lofting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting	Packaging unit	1	
Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 4 A  Diagnostics Status indication LED no Installation   Connection Stripping length (jacket) 20 mm Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting	Electrical data   Supply		
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Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Diagnostics Status indication LED no Installation   Connection Stripping length (jacket) 20 mm Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting		60 V	
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A  Diagnostics Status indication LED no Installation   Connection Stripping length (jacket) 20 mm Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting			
Current operating per contact max. 4 A  Diagnostics  Status indication LED no  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting		30 V	
Status indication LED no Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Material screw connection Zinc die-casting			
Status indication LED no  Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Cornection Zinc die-casting  Material screw connection Zinc die-casting			
Installation   Connection  Stripping length (jacket) 20 mm  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting		no	
Stripping length (jacket)  Mounting set  M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting		110	
Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting			
Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Material screw connection Zinc die-casting			
Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting		M12 X 1	
Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting	Device protection   Electrical		
Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting	Additional condition protection degree	inserted, screwed	
Material group (IEC 60664-1)  Mechanical data   Material data  Coating locking  Nickeled  Coating of fitting  nickel plated  Locking material  Zinc die-casting  Material screw connection  I			
Mechanical data   Material data       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting		1,5 kV	
Coating locking Nickeled  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting	Material group (IEC 60664-1)		
Coating of fitting nickel plated Locking material Zinc die-casting  Material screw connection Zinc die-casting	Mechanical data   Material data		
Locking material Zinc die-casting  Material screw connection Zinc die-casting	Coating locking	Nickeled	
Material screw connection Zinc die-casting	Coating of fitting	nickel plated	
	Locking material	Zinc die-casting	
Mechanical data   Mounting data	Material screw connection	Zinc die-casting	
	Mechanical data   Mounting data		

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: 2024-05-21



stay connected

Mounting method

inserted, screwed, Shaking protection

perating temperature min.	-25 °C
perating temperature max.	85 °C
dditional condition temperature range	depending on cable quality
mportant installation notes	
ote 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
ote on bending radius	endangered by excessive bending forces.
Conformity	
roduct standard	DIN EN 61076-2-101 (M12)
nstallation   Cable	
ire arrangement	brown, black, blue, white
able identification	335
acket Color	gray
ype of Certificate	cURus
mount stranding	1
tranding	4 wires twisted
able shielding (type)	copper braid, tinned
able shielding (coverage)	85 %
anding	Fleece, Foil
ire arrangement	brown, black, blue, white
able weigth	56,1 g/m
laterial jacket	PUR
hore hardness jacket	85 ± 3 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
uter-diameter (jacket)	5.9 mm
	· · · · · · · · · · · · · · · · · · ·
olerance outer diameter (sheath) aterial wire insulation	±5% PP
	4
mount wires uter diameter insulation	1,55 mm
	·
uter diameter tolerance core insulation	±5%
hore hardness wire insulation	72 ± 3 Shore D
gredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
mount strands (wire)	42
iameter of single wires	0,1 mm
onductor crosssection (wire)	0,34 mm <sup>2</sup>
laterial conductor wire	Stranded copper wire, bare
onductor type (wire)	strand class 6
ominal voltage AC max.	300 V
urrent load capacity (standard)	to DIN VDE 0298-4
urrent load capacity min. wire	4,8 A
lectrical resistance line constant wire	52 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2 kV @ 60 s
ower frequency withstand voltage (wire - cket)	2 kV @ 60 s
lin. operating temperature (static)	-40 °C
lax. operating temperature (fixed)	80 °C
perating temperature min. (dynamic)	-20 °C
perating temperature max. (dynamic)	80 °C
lame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
nemical resistance	Good, application-related testing
	Good, application-related testing

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: 2024-05-21



Oil resistance

DIN EN 60811-404 | Good, application-related testing

Bending radius (dynamic)

10 x Outer diameter