

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

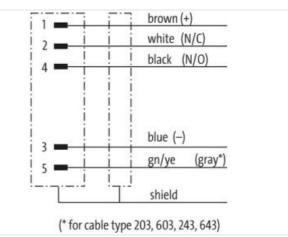
PUR 5x0.34 shielded gy UL/CSA+drag ch. 2m

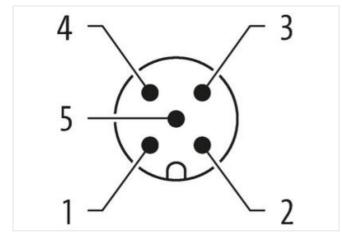
Male 90° M12, 5-pole shielded A-coded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

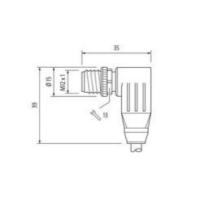
## Link to Product











Product may differ from Image



Cable length

Side 1

Tightening torque

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: 2024-05-10

2 m

0,6 Nm

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Coaling contact     odd plated       Family construction form     M12       Thread     M12 × 1       Coding     A       Material     Coper alloy       Material     PUB       With across fata     SW13       Degree of protection (ENTEC 00529)     IP66, IP67       Side 2     Conting on that       Coding contact     gold plated       Commercial data     Contage of protection (ENTEC 00529)       ECLASS-40     27279218       ECLASS-40     27279218       ECLASS-40     27279218       ECLASS-40     27279218       ECLASS-40     27279218       ECLASS-40     27279218       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27050311       ETM-5.0     EC0001855       outsmis tatiff number     85444290       GTIN     4065509000475       Packaging unit     1       Electrical datal Suppy     Gold N       Operating voltage AC (UL-Isteet)     30 V       Current operating P contact max	Mounting method	inserted, screwed
Family construction form     M12       Thread     M12 x 1       Coding     A       Material contact     Copper alloy       Material     PUR       With arcos litat     SW13       Dagree of protection (EN EC 60529)     IP65, IP66K, IP67       Side 2     Coating contact       Coating contact     gold plated       Commercial data     ECLASS-8.0       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27260311       ECLASS-8.0     27060311       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-10.2     27060311       ECLASS-10.3     27060311       ECLASS-10.4     27060311       ECLASS-10.5     Coortis55       Oustons turiff number     8544280       GTN     406599090475       Packaging unit     1       Effected data   Suppi     Operating voltage DG max.       Oparating voltage DG max.     60 V       Oparating voltage DG max.     60 V       Oparating volta	Coating contact	gold plated
Thread     M12 x 1       Coding     A       Material     Copper alloy       Material     PUR       Width across fiels     SW13       Degree of protectori (EN IEC 60529)     IP65, IP66K, IP67       Side 2     Coaling contact       Commercial data     ECLASS 4.0       ECLASS 4.0     27279218       ECLASS 1.1     27060311       ECLASS 1.2     27060311       ECLASS 1.2     27060311       ECLASS 1.2     27060311       ECLASS 1.1     27060311       ECLASS 1.2     0       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V		
Material contact     Copper alloy       Material contact     PUR       Width across files     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Side 2     Coating contact     gold plated       Commercial data     ECLASS 4.0     27279218       ECLASS 4.0     27279218     ECLASS 4.0       ECLASS 4.0     27260311     ECLASS 4.0       ECLASS 4.0     27060311     ECLASS 4.0       ECLASS 4.1.1     27060311     ECLASS 4.0       ECLASS 4.2.0     27060311     ECLASS 4.0       ECLASS 4.1.1     27060311     ECLASS 4.0       Conting inf number     8544230     GTIN       Valoris add is apply     Operating outspa AC (UL listed)     GO V       Operating voltage AC max.     60 V     Operating voltage AC (UL listed)     GO V       Operating voltage DC (UL-listed)     30 V     <	Thread	M12 x 1
Material     PUR       Width across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Side 2     Coating contact     gold plated       Construct     gold plated     Commercial data       ECLASS-7.0     27279218     ECLASS-7.0       ECLASS-7.0     27279218     ECLASS-7.0       ECLASS-7.0     27279218     ECLASS-7.0       ECLASS-10.1     27060311     ECLASS-10.1       ECLASS-10.1     27060311     ECLASS-10.1       ECLASS-10.0     27060311     ECLASS-10.1       ECLASS-10.0     27060311     ECLASS-10.1       ECLASS-10.0     27060311     ECLASS-10.1       ECLASS-10.0     27060311     ECLASS-10.1       ECLASS-10.1     27060311     ECLASS-10.1       Castoms tariff number     8544290     Gatasing unit       TIN     40659090475     Packaging unit       Electrical data [Supply     Gerating voltage AC max.     60 V       Operating voltage AC (LL-listed)     30 V     Gatasing unit       Electrical data [Supply     30 V     Gatasing uni	Coding	A
Widh across flats     SW13       Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Side 2     Coating contact     gold plated       Commercial data     217279218     ECLASS 4.0     217279218       ECLASS 4.0     217279218     ECLASS 4.0     217279218       ECLASS 4.0     217279218     ECLASS 4.0     217279218       ECLASS 4.0     217279218     ECLASS 4.0     ECLASS 4.0       ECLASS 4.0     217060311     ECLASS 4.0     ECLASS 4.0       ECLASS 1.0     27060311     ECLASS 5.0     ECO40631       ECLASS 1.0     27060311     ECLASS 5.0     ECO40635       oausom staff number     8544290     ECO401     ECO4000000000000000000000000000000000000	Material contact	Copper alloy
Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Side 2       Coating contact     gold plated       Commercial data     E       ECLASS 6.0     27279218       ECLASS 8.0     27279218       ECLASS 9.0     27060311       ECLASS 9.0     27060311       ECLASS 10.1     27060311       ECLASS 10.2     27060311       ECLASS 10.2     27060311       ECLASS 10.0     ECO01855       outstand     6000       OBSTREE     6000       Operating voltage AC max.     60 V       Operating voltage DC max.     4 A       Installation [ connection     Mounting set     M12 x 1       Device protection [ Electrical AC and the surewed     Period       Addition protection digree     3     3       Rated surge voltage     1.5 kV       Material crow connection     Xickeled       Co	Material	PUR
Side 2       Coating contact     gold plated       Commercial data     ECLASS-6.0       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-12.0     2706031       Garing Village AC (Max.     60 V <td>Width across flats</td> <td>SW13</td>	Width across flats	SW13
Coating contact     gold plated       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279219       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETM-5.0     ECO01855       coastoms tafff number     8544290       GTIN     4065909009475       Packaging unit     1       Electrical data  Supply     Operating voltage AC max       Operating voltage AC max     60 V       Operating voltage AC max     60 V       Operating voltage DC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     Material condition protection degree       Installation protection degree     3       Rated surge voltage     1,5 kV       Material condi (Ida   Material	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     406590900475       Packaging unit     1       Etertical data  Supply     0       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Operating voltage AC (IU-listed)     30 V       Operating voltage AC (IU-listed)     30 V       Current operating per contact max.     4 A       Instaliation   Connection     Instaliation   Connection       Mounting set     M12 x 1       Device protection   Electrical data   Material group (IEC 00664-1)     1       Material group (IEC 00664-1)     1       Material group (IEC 00664-1)     1       Mechanical data   Material data     1.5 kV       Materi	Side 2	
ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-11     27060311       ECLASS-12.0     27060311       ECLASS-11     27060311       ECLASS-12.0     27060311       ECLASS-11     27060311       ECLASS-11     27060311       ECLASS-12.0     27060311       ECLASS-11     27060311       ECLASS-11     27060311       ECLASS-11     0       Operating valtage DC     8544290       GTIN     406590900475       Packaging unit     1       Electrical data [Supply     Operating valtage DC max.       Operating valtage DC (UL-Isted)     30 V       Operating valtage DC (UL-Isted)     30 V       Operating valtage DC (UL-Isted)     30 V	Coating contact	gold plated
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     27060311       ETM-5.0     EC001855       oustoms tariff number     85444290       GTIN     4065909009475       Packaging unit     1       Etectrical data   Supply     0       Operating voltage DC max.     60 V       Operating voltage DC max.     4 A       Installation   Connection     30 V       Current operating per contact max.     4 A       Installation   Connection     Inserted, screwed       Polution Degree     3       Rated surge voltage     1,5 kV       Material group (EC 60664-1)     1       Mechanical data   Material data	Commercial data	
ECLASS-8.0     2729218       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     8544290       GTIN     4065909009475       Packaging unit     1       Electrical data   Supply     0       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 CUL-listed)     30 V	ECLASS-6.0	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       GTIN     4065909009475       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     1       Installatin   connection     Inserted, screwed <td>ECLASS-7.0</td> <td>27279218</td>	ECLASS-7.0	27279218
ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     8544290       GTIN     4065909009475       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 por contact max.     4 A       Instalation   Connection     Mu12 x 1       Device protection   Electrical     30 V       Operating voltage PC max     60 V       Operating voltage DC (UL-listed)     30 V       Current operating por contact max.     4 A       Instalation   Connection     Mu12 x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating of fitting       Coating of fitting     nickel plated </td <td>ECLASS-8.0</td> <td>27279218</td>	ECLASS-8.0	27279218
ECLASS-11.1     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     8544290       GTIN     406590009475       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Installation   Connection     M12 x 1       Device protection   Electrical     30 V       Outring set     M12 x 1       Device protection   Electrical     30 Rated surge voltage       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 fitting       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting	ECLASS-9.0	27060311
ECLASS-12.0   27060311     ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4065309009475     Packaging unit   1     Electrical data   Supply   Operating voltage AC max.     Operating voltage AC max.   60 V     Operating voltage AC (UL-listed)   30 V     Operating voltage AC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Mounting set     Mounting set   M12 x 1     Device protection   Electrical   Additional condition protection degree     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Zinc die-casting     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method	ECLASS-10.1	27060311
ETIM-5.0   EC001855     customs tariff number   85444290     GTIN   4065909009475     Packaging unit   1     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     Installation   Connection      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     Coating locking   Nickeled     Coating locking   Nickeled     Coating locking   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method	ECLASS-11.1	27060311
customs tariff number   85444290     GTIN   4065909009475     Packaging unit   1 <b>Electrical data   Supply</b> 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     Installation   Connection   Mounting set     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)     Mechanical data   Material data   Coating of fitting     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   Zinc die-casting	ECLASS-12.0	27060311
GTIN   406590909475     Packaging unit   1     Electrical data   Supply   0     Operating voltage AC max.   60 V     Operating voltage DC max.   60 V     Operating voltage AC (UL-listed)   30 V     Operating voltage AC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   M12 x 1     Device protection   Electrical   Additional condition protection degree     Additional condition protection degree   1.5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material group working data   Mickeled     Coating of fitting   Nickeled     Material group method   inserted, screwed, Shaking protection	ETIM-5.0	EC001855
Packaging unit   1     Electrical data   Supply   0     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     Installation   Connection   Mul2 x 1     Device protection   Electrical   Additional condition protection degree     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Raterial group (IEC 60664-1)   1     Mechanical data   Material data   Zinc die-casting     Coating locking   Nickeled     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting protection	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     Installation   Connection   Mu12 x 1     Device protection   Electrical   Additional condition protection degree     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   Zoating of kiting     Coating locking   Nickeled     Coating of kiting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection	GTIN	4065909009475
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     Installation   Connection   4 A     Installation   Connection   Mounting set     Mounting set   M12 x 1     Device protection   Electrical   A     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     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Material group method   inserted, screwed, Shaking protection	Packaging unit	1
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     Installation   Connection   M12 x 1     Device protection   Electrical   Additional condition protection degree     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     Coating locking material   Zinc die-casting     Material screw connection   Xinc die-casting     Material screw connection	Electrical data   Supply	
Operating voltage AC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Mounting set     Mounting set   M12 x 1     Device protection   Electrical   Additional condition protection degree     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     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material Screw connection   Zinc die-casting     Material I Mounting data   Mounting method	Operating voltage AC max.	60 V
Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Mounting set     Mounting set   M12 x 1     Device protection   Electrical   Additional condition protection degree     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     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Material screw connection   inserted, screwed, Shaking protection	Operating voltage DC max.	60 V
Current operating per contact max.   4 A     Installation   Connection     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 data   Mounting data   Inserted, screwed, Shaking protection	Operating voltage AC (UL-listed)	30 V
Installation   Connection     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   Vickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection	Operating voltage DC (UL-listed)	30 V
Mounting set   M12 x 1     Device protection   Electrical   Inserted, screwed     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   I     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method	Current operating per contact max.	4 A
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   Vickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method	Installation   Connection	
Additional condition protection degreeinserted, screwedPollution Degree3Rated surge voltage1,5 kVMaterial group (IEC 60664-1)IMechanical data   Material dataNickeledCoating lockingNickeledCoating of fittingnickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting dataMounting methodMounting methodinserted, screwed, Shaking protection	Mounting set	M12 x 1
Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method	Device protection   Electrical	
Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method	Pollution Degree	3
Mechanical data   Material data     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection	Rated surge voltage	1,5 kV
Coating lockingNickeledCoating of fittingnickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting dataMounting methodMounting methodinserted, screwed, Shaking protection	Material group (IEC 60664-1)	
Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection	Mechanical data   Material data	
Locking material Zinc die-casting   Material screw connection Zinc die-casting   Mechanical data   Mounting data inserted, screwed, Shaking protection	Coating locking	Nickeled
Locking material Zinc die-casting   Material screw connection Zinc die-casting   Mechanical data   Mounting data inserted, screwed, Shaking protection	Coating of fitting	nickel plated
Mechanical data   Mounting data   Mounting method inserted, screwed, Shaking protection		
Mounting method inserted, screwed, Shaking protection		Zinc die-casting
	Mechanical data   Mounting data	
Environmental characteristics   Climatic	Mounting method	inserted, screwed, Shaking protection
	Environmental characteristics   Climatic	
Operating temperature min25 °C	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 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.	Note on bending radius	

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: 2024-05-10

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## Conformity

Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Cable identification	243
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	brown, black, blue, white, gray
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Cable weigth	57,2 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 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 mm <sup>2</sup>
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	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 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	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
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)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/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: 2024-05-10

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