

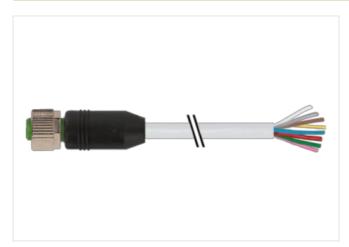
## M12 female 0° A-cod. with cable

PUR 8x0.25 gy UL/CSA+drag ch. 0.6m

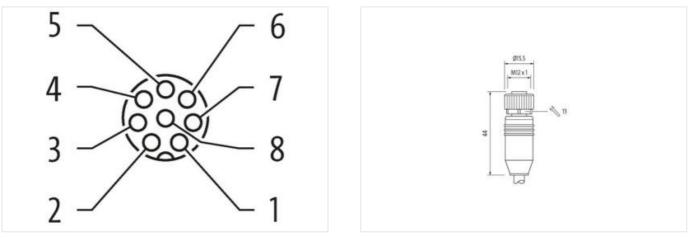
Female straight M12, 8-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration



	─ WH	
	BN	
2	GN	
2	YE	
	GY	
	РК	
~	BU	
<u> </u>	RD	
<u> </u>		



Product may differ from Image



0,6 m

0,6 Nm

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: 2024-05-20

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com



EQLASS-11.1  27060311    EQLASS-12.0  27060311    ECMAS.0  ECO01855    customs tardf number  8544290    GTIN  404887804874    Packaging unit  1    Electrical data   Supply     Operating voltage AC max.  30 V    Current operating per contact max.  2 A    Installation   Connection     Device protection   Electrical  12 1    Device protection   Electrical     Device protection   Electrical  0.8 kV    Material group (Electrical	Mounting method	inserted, screwed
With across flats      SW13        Commercial data      E        ECLASS 6.0      27278218        ECLASS 7.0      27278218        ECLASS 8.0      27278218        ECLASS 8.0      27050311        ECLASS 8.0      27060311        ECLASS 1.1      27060311        Electacidatis [Suppiy      301        Operating voltage AC max.      301        Operating voltage AC max.      301        Operating Por contact max.      2A        Evaluation Connection      Material acroscontact max. <tr< td=""><td>Family construction form</td><td>M12</td></tr<>	Family construction form	M12
Commercial data        ECLASS 8.0      27278/18        ECLASS 8.0      27278/18        ECLASS 8.0      27278/18        ECLASS 8.0      27278/18        ECLASS 8.0      2706031 1        ECLASS 8.0      2706031 1        ECLASS 8.11      2706031 1        ECLASS 8.11      2706031 1        ECLASS 8.11      2706031 1        ECLASS 8.0      2706031 1        ECLASS 10.0      2706031 1        Control parting part 0      30 V        Operating voltage Conac.      30 V        Correct oparting part contact max.      2 A        Exterior Exterior      2 A        Exterior Exterior      2 A        Exterior Exterior      2 A        Exterior Exterior      2 A        E	Material	PUR
ECLASS-6.0  2727218    ECLASS 7.0  27272818    ECLASS 8.0  27272818    ECLASS 8.0.1  27060311    ECLASS 8.0.1  27060311    ECLASS 8.10.1  27060311    ECLASS 8.10.2  27060311    ECLASS 8.10.1  27060311    ECLASS 9.10.1  27060311    ECLASS 9.10.1  27060311    ECLASS 9.10.1  27060311    ECLASS 9.10.1  1    EcLASS 9.10.1  30 V    Operating voltage DC max.  30 V    Correct operating page romata max.  2 A    Environment  M12 x 1    Device protection   Electrical  M12 x 1    Environment  M2 x 1    Environment  3 N    Colaring of timp on  0.4 N    Reads supe object 06064-11  1    Environment depared game device data data  0.1 N    Material	Width across flats	SW13
ECLASS 7.0      27279218        ECLASS 8.0      27279218        ECLASS 9.0      27060311        ECLASS 5.0.1      27060311        ECLASS 5.10.1      27060311        ECLASS 5.11.1      27060311        ECLASS 5.12.0      27060314        ETLECACUE      200700        Operating traitings on the State 5000      270700        Operating traitings on the State 5000      270        Operating traiting on the State 5000      280 °C        Operating traiting traiting on the State 5000      280 °C        Operating traiting on the State 5000      280 °C        Operating traiting on thea	Commercial data	
ECLASS 8.0      27279218        ECLASS 8.0.      27060311        ECLASS 8.1      27060311        ECLASS 1.1      27060311        ECLASS 1.1      27060311        ECLASS 1.1      27060311        ECLASS 1.2      27060311        ECLASS 1.2      27060311        ECLASS 1.2      27060311        ETM 4.0      EC001855        cuators turif umber      6544290        GTIN      40887950474        Packaging unt      1        Etercical cata   Supply      Unpertain voltage AC max.        Operating voltage AC max.      30 V        Operating voltage AC max.      30 V        Operating voltage AC max.      30 V        Current Operating voltage AC max.      30 V        Mounting set      M12 x 1        Device protection   Electrical      Installation (Contection   Electrical        Palktato surg voltage      0.8 k/V        Material group (EC 60666-1)      1        Material screw connection      Zbr clocasting        Operating temperature max.      25 °C        Operating temperature max.      25 °C	ECLASS-6.0	27279218
ECLASS 9.0  27060311    ECLASS 9.0.1  27060311    ECLASS 9.1.0  27060311    ECLASS 9.2.0  27060311    ECLASS 9.2.0  27060311    ECLASS 9.1.1  27060311    ECLASS 9.2.0  27060311    ECLASS 9.2.0  27060311    ECLASS 9.1.1  4706031    ECLASS 9.2.1  570603    Operating voltage AC max.  30 V    Operating voltage AC max.  30 V    Correct operating per cortact max.  2.A    Installation   Connection  11    Moufing set  M12 X 1    Device protection   Electrical  11    Politon Degree  3    Rated surge voltage  0.8 kV    Material acta Material data  10    Material acta Material data  10    Material acta Material data  10    Conting of triting  nickel plated    Material acta Contex   Glater data  10    Material actanocotta max.  85 °C<	ECLASS-7.0	27279218
ECLASS 10.1  27060311    ECLASS 1.1  27060311    ECLASS 1.2  27060311    ETM 5.0  ECO01855    customs taiff number  85444290    GTIN  404877604874    Packagin unit  1    Electrical data [Suppy  Control of the second of	ECLASS-8.0	27279218
EQLASS-11.1  27060311    EQLASS-12.0  27060311    ECMASS.0  ECO01855    customs tardf number  8544290    GTIN  4048879504874    Packaging unil  1    Electrical data   Supply     Operating voltage DC max.  30 V    Current operating per contact max.  2 A    Installation   Connection     Device protection   Electrical     Device protection   Electrical     Device protection   Electrical     Device protection   Electrical     Mounting set  M2 x 1    Device protection   Electrical     Device protection   Electrical     Material acros (E00694-1)  1    Mechanical data   Material data     Device protection   Electrical     Material acros (E00694-1)  1    Material acros (E00694-1)  1    Deparating temperature min.  25 °C    Operating temperature max.  25 °C    Operating temperature max.  25 °C    Operating temperature max.  26 °C    Operating temperature max.  29 °C    Operating temperature max.  29 °C    Operatin installation notes  Electrical	ECLASS-9.0	27060311
ECLASS-12.0  27060311    ETMA.5.0  ECG01855    outsoms tarff number  6544290    GTM  4048879504874    Packaging unit  1    Electrical data   Supply  Coperating voltage AC max.  30 V    Operating voltage AC max.  30 V  Corrent operating part contact max.    Istaliation   Connoction  X1    Mounting set  M12 x 1    Device protection   Electrical    Pollution Dagree  3    Raded surge voltage  0.8 kV    Material group (IEC 6064+1)  1    Metherial screw connection  Zinc die-casting    Environmental characteristics   Climatic  Coperating voltage    Operating voltage  activa cuisality    Operating temperature min.  -25 °C    Operating temperature min.  -55 °C    Additoral condition temperature range  depending on cable quality    Inport instaliation cole  Cole cuessive bending forces.    Instaliation Cable  Cole cuessive bending forces.    Instaliation Cable  Cole cuessive bending forces.    Instaliation Cable  Sing of think gray, yellow, green    Cable forge  3    Additoral condition temperature min.  -292    Cable forge  3    Additoral conding m	ECLASS-10.1	27060311
ETIM-5.0      EC001855        customs tariff number      85444290        GTIN      404879504874        Packaging unit      1        Electrical data [ Supply         Operating voltage AC max.      30 V        Operating voltage DC max.      30 V        Current operating portage DC max.      2 A        Installation   Connection         Mourting set      M12 x 1        Device protection   Electrical         Pollution Degree      3        Bated surge voltage      0.8 kV        Material group (EC 60684-1)      1        Mechanical data   Material data         Coating of fitting      rickel plated        Metrical scree voltation in the policy         Operatin installation notes      85 °C        Operatin installation notes      S5 °C        Note on exit netion      25 °C        Operatin installation notes      Attention: Observer the permissible bending radii when laying cables, as the IP protection class can be endargered by excessive bending forces.        Installation I cable         View on stain relief      Protect the connectors by suitable measures from mechanical	ECLASS-11.1	27060311
cusions tarilf number      85444290        GTIN      404875504874        Packaging unit      1        Electrical data   Supply      90        Operating voltage AC max.      30 V        Corrent Operating per contact max.      2 A        Instaliation   Connection      80 V        Ourient Operating per contact max.      2 A        Instaliation   Connection      M12 x 1        Device protection   Electrical      9        Pollution Degree      3        Rated aurge voltage      0,8 kV        Material group (EC 60664-1)      1        Mechanical data   Material data      Cache casting        Environmental characteristics   Climatic      25 °C        Operating temperature max.      85 °C        Addition temperature max.      85 °C        Addition refuel      Polect the connectors by suitable measures from machanical loads, e.g. by the usage of cable ties.        Note on starin refuel      Polect the connectors by suitable measures from machanical loads, e.g. by the usage of cable ties.        Note on starin refuel      Polect the connectors by suitable measures from machanical loads, e.g. by the usage of cable ties.        Instalistation cacus      Attention: Observe the permissibl	ECLASS-12.0	27060311
GTIN  4048879504874    Packaging unit  1    Electrical data   Supply  Coperating voltage AC max.  30 V    Operating voltage AC max.  30 V    Current operating per contact max.  2 A    Installaction   Connection  Installaction   Connection    Mounting set  M12 x 1    Device protection   Electrical  Installaction   Connection    Polition Degree  3    Rated surge voltage  0.8 kV    Material group (16 60664-1)  1    Mechanical data   Material data  Installaction   Connection    Zorating voltage in the period of thing  nickel plated    Material group (16 60664-1)  1    Mechanical data   Material data  Installaction and i	ETIM-5.0	EC001855
Packaging unit      1        Electrical datal Skupply      Image: Skipp Sk	customs tariff number	85444290
Electrical data   Supply        Operating voltage AC max.      30 V        Operating voltage DC max.      30 V        Current operating per contact max.      2 A        Installation  Connection      V        Mounting set      M12 x 1        Device protection   Electrical      V        Pollution Degree      3        Rated surge voltage      0.8 kV        Material group (IEC 60664-1)      1        Mechanical data   Material data      Coating of fitting        Material screw connection      Zinc die-casting        Environmental characteristics   Climatic      Operating temperature min.        Operating temperature max.      85 °C        Additional condition temperature range      depending on cable quality        Important installation notes      S* °C        Additional condition temperature range      depending on cable quality        Important installation range      Potect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.        Note on strain relief      Potect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.        Installation (Cable      Ying argument      Evorenthing forces.        Loabel dinorif	GTIN	4048879504874
Operating voltage AC max.      30 V        Operating voltage DC max.      30 V        Current operating per contact max.      2 A        Installation   Connection      V        Mounting set      M12 x 1        Device protection   Electrical      V        Pollution Degree      3        Rated surge voltage      0.8 kV        Material group (EC 60664-1)      1        Mechanical data   Material data      Cost of thing        Costing of fitting      nickel plated        Material sorew connection      Znc die-casting        Environmental characteristics [ Climatic      Cogerating temperature max.        Operating temperature max.      85 °C        Additional condition temperature may.      85 °C        Additional condition temperature may.      85 °C        Additional condition temperature may.      85 °C        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.        Installation ( Cable      V        wise arrangement      brown, white, red, blue, pink, gray, yellow, gre	Packaging unit	1
Operating voltage DC max.      30 V        Current operating per contact max.      2 A        Installation   Connection      Mul2 x 1        Device protection   Electrical      M12 x 1        Pollution Degree      3        Rated surge voltage      0.8 kV        Material group (IEC 60664-1)      1        Mechanical data   Material data      Inscient of thing        Coating of fitting      nickel plated        Metrial screw connection      Zinc die-casting        Environmental characteristics   Climatic      Coerding on cable quality        Operatin installation notes      S <sup>5</sup> C        Operatin installation notes      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.        Note on strain relief      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.        Installation [ Cable      Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endagered by excessive bending forces.        Installation [ Cable      Sing argument        Ure argument      brown, white, red, blue, pink, gray, yellow, green        Cable identification      292        Cable identification      292        Cable	Electrical data   Supply	
Operating voltage DC max.      30 V        Current operating per contact max.      2 A        Installation   Connection      Mul2 x 1        Device protection   Electrical      M12 x 1        Pollution Degree      3        Rated surge voltage      0.8 kV        Material group (IEC 60664-1)      1        Mechanical data   Material data      Inscient of thing        Coating of fitting      nickel plated        Metrial screw connection      Zinc die-casting        Environmental characteristics   Climatic      Coerding on cable quality        Operatin installation notes      S <sup>5</sup> C        Operatin installation notes      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.        Note on strain relief      Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.        Installation [ Cable      Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endagered by excessive bending forces.        Installation [ Cable      Sing argument        Ure argument      brown, white, red, blue, pink, gray, yellow, green        Cable identification      292        Cable identification      292        Cable	Operating voltage AC max.	30 V
Current operating per contact max.  2 A    Installation   Connection    Mouning set  M12 x 1    Device protection   Electrical    Pollution Degree  3    Rated surge voltage  0.8 kV    Material group (IEC 60664-1)  1    Mechanical data   Material data  Inckel plated    Coaling of fitting  nickel plated    Material screw connection  Zin die-casting    Environmental characteristics   Climatic  Coaling of fitting    Operating temperature min.  -25 °C    Operating 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 ties.    Note on stain relief  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.    Installation (Cable	Operating voltage DC max.	30 V
Installation   Connection        Mounting set      M12 x 1        Pevice protection   Electrical      Polution Degree        Polution Degree      3        Rated surge voltage      0.8 kV        Material group (EC 6064-1)      1        Mechanical data   Material data      Coating of fitting        Material screw connection      Zin ciencasing        Environmental characteristics   Climatic      Coating of protection ciencasing        Environmental characteristics   Climatic      25 °C        Operating temperature max.      85 °C        Additional condition temperature range      depending on cable quality        Important Installation notes      Note on strain relief        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 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 strain relief      Protect the connectors by suitable measures from mechanical loads, e.g. by the us		2 A
Device protection   Electrical        Pollution Degree      3        Rated surge voltage      0.8 kV        Material group (IEC 60664-1)      1        Mechanical data   Material data      Incikel plated        Coating of fitting      nickel plated        Material screw connection      Zinc die-casting        Environmental characteristics   Climatic      Operating temperature min.        Operating temperature max.      85 °C        Additional condition temperature may.      85 °C        Additional condition temperature may.      85 °C        Additional condition temperature may.      85 °C        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.        Installation   Cable      Unown, white, red, blue, pink, gray, yellow, green        Cable identification      292        Cable Type      3        Jacket Color      gray        Type of Certificate      URUs        Amount stranding      1        Filler      yes		
Pollution Degree      3        Rated surge voltage      0,8 kV        Material group (IEC 60686-1)      1        Mechanical data   Material data         Coating of fitting      nickel plated        Material serve connection      Zinc die-casting        Environmental characteristics   Climatic         Operating temperature min.      -25 °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.        Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.        Installation [Cable         wire arrangement      brown, white, red, blue, pink, gray, yellow, green        Cable identification      292        Cable Type      3        Jacket Color      gray        Type of Certificate      cURus        Amount stranding      1        Stranding      8 wires around Core filler twisted        Filler      yes	Mounting set	M12 x 1
Rated surge voltage  0.8 kV    Material group (IEC 60664-1)  I    Mechanical data [Material data  I    Coating of fitting  nickel plated    Material screw connection  Zinc die-casting    Environmental characteristics   Climatic  Operating temperature min.    Operating temperature max.  85 °C    Additional condition temperature range  depending on cable quality    Important installation notes  V    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.    Installation   Cable    wire arrangement  brown, white, red, blue, pink, gray, yellow, green    Cable identification  292    Gable Work Stranding  1    Stranding <td>Device protection   Electrical</td> <td></td>	Device protection   Electrical	
Rated surge voltage  0.8 kV    Material group (IEC 60664-1)  I    Mechanical data [Material data  I    Coating of fitting  nickel plated    Material screw connection  Zinc die-casting    Environmental characteristics   Climatic  Operating temperature min.    Operating temperature max.  85 °C    Additional condition temperature range  depending on cable quality    Important installation notes  V    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.    Installation   Cable    wire arrangement  brown, white, red, blue, pink, gray, yellow, green    Cable identification  292    Gable Work Stranding  1    Stranding <td>Pollution Degree</td> <td>3</td>	Pollution Degree	3
Material group (IEC 60664-1)    1      Mechanical data   Material data      Coating of fitting    nickel plated      Material screw connection    Zinc die-casting      Environmental characteristics   Climatic      Operating temperature min.    -25 °C      Operating temperature max.    85 °C      Additional condition temperature range    depending on cable quality      Important installation notes    Material screw to permissible bending radii when laying cables, 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.      Installation   Cable    wire arrangement      wire arrangement    brown, white, red, blue, pink, gray, yellow, green      Cable Identification    292      Cable Identification    292      Cable Identification    292      Gable Identification    292      Gable Identification    292      Gable Otor    gray      Type of Certificate    CURus      Annount stranding    1		
Mechanical data   Material data        Coating of fitting      nickel plated        Material screw connection      Zinc die-casting        Environmental characteristics   Climatic      Operating temperature min.      -25 °C        Operating temperature max.      85 °C      Additional condition temperature range      depending on cable quality        Important installation notes      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.        Installation   Cable      versen were different brown, white, red, blue, pink, gray, yellow, green        Cable Identification      292        Cable Identification      90 ± Sonon Allow        Ype of Certificate      cJRus        Amount stranding      1        Stranding      8 wires around Core filler twisted        Filler      yes   <		· 
Coating of fitting      nickel plated        Material screw connection      Zinc die-casting        Environmental characteristics   Climatic         Operating temperature min.      -25 °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.        Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces.        Installation [ Cable         wire arrangement      brown, white, red, blue, pink, gray, yellow, green        Cable identification      292        Cable Identification      92        Cable Identification      92 </td <td></td> <td></td>		
Environmental characteristics   Climatic        Operating temperature min.      -25 °C        Operating temperature max.      85 °C        Additional condition temperature may.      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 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.        Installation   Cable      wire arrangement        wire arrangement      brown, white, red, blue, pink, gray, yellow, green        Cable identification      292        Cable Type      3        Jacket Color      gray        Type of Certificate      cURus        Amount stranding      1        Stranding      8 wires around Core filler twisted        Filler      yes        wire arrangement      brown, white, red, blue, pink, gray, yellow, green        Cable weigth      52, g ym        Material jacket      PUR        Shore hardneses jacket      90 ± 5 Shore A		nickel plated
Operating 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 ties.      Note on strain relief    Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.      Installation   Cable    Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.      Installation   Cable    brown, white, red, blue, pink, gray, yellow, green      Cable identification    292      Cable identificate    cURus      Amount stranding    1      Stranding    8 wires around Core filler twisted      Filler    yes      wire arragement    brown, white, red, blue, pink, gray, yellow, green      Cable weigth    52,8 g/m      Material jacket    PUR      Shore hardness jacket    90 ± 5 Shore A	Material screw connection	Zinc die-casting
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.      Installation   Cable    wire arrangement      wire arrangement    brown, white, red, blue, pink, gray, yellow, green      Cable identification    292      Cable Type    3      Jacket Color    gray      Type of Certificate    cURus      Amount stranding    1      Stranding    8 wires around Core filler twisted      Filler    yes      wire arrangement    brown, white, red, blue, pink, gray, yellow, green      Cable weigth    52,8 g/m      Material jacket    PUR      Shore hardness jacket    90 ± 5 Shore A	Environmental characteristics   Climatic	
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.        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.        Installation   Cable      view arrangement      brown, white, red, blue, pink, gray, yellow, green        Cable identification      292      292        Cable Type      3      3        Jacket Color      gray      7        Type of Certificate      cURus      201        Amount stranding      1      5        Filler      yes      9        wire arrangement      brown, white, red, blue, pink, gray, yellow, green        Cable identification      292      202        Cable Type      3      3        Jacket Color      gray      1        Type of Certificate      cURus      4        Amount stranding      1      5        Filler      yes      5      3        wire arrangement      brown, white, red, blue, pink, gr	Operating temperature min.	-25 °C
Important installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Installation   Cablewire arrangementwire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable identification292Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth52,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore A	Operating temperature max.	85 °C
Important installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Installation   Cablewire arrangementwire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable identification292Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth52,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore A	Additional condition temperature range	depending on cable quality
Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Installation   Cablewire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable identification292Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth52,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore A		
Note on bending radiusendangered by excessive bending forces.Installation   Cablewire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable identification292Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth52,8 g/mMaterial jacket90 ± 5 Shore A	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
wire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable identification292Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth52,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore A	Note on bending radius	
Cable identification292Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth52,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore A	Installation   Cable	
Cable Type3Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth52,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore A	wire arrangement	brown, white, red, blue, pink, gray, yellow, green
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth52,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore A	Cable identification	292
Type of Certificate    cURus      Amount stranding    1      Stranding    8 wires around Core filler twisted      Filler    yes      wire arrangement    brown, white, red, blue, pink, gray, yellow, green      Cable weigth    52,8 g/m      Material jacket    PUR      Shore hardness jacket    90 ± 5 Shore A	Cable Type	3
Amount stranding1Stranding8 wires around Core filler twistedFilleryeswire arrangementbrown, white, red, blue, pink, gray, yellow, greenCable weigth52,8 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore A	Jacket Color	gray
Stranding    8 wires around Core filler twisted      Filler    yes      wire arrangement    brown, white, red, blue, pink, gray, yellow, green      Cable weigth    52,8 g/m      Material jacket    PUR      Shore hardness jacket    90 ± 5 Shore A	Type of Certificate	cURus
Filler  yes    wire arrangement  brown, white, red, blue, pink, gray, yellow, green    Cable weigth  52,8 g/m    Material jacket  PUR    Shore hardness jacket  90 ± 5 Shore A	Amount stranding	1
wire arrangement  brown, white, red, blue, pink, gray, yellow, green    Cable weigth  52,8 g/m    Material jacket  PUR    Shore hardness jacket  90 ± 5 Shore A	Stranding	8 wires around Core filler twisted
Cable weigth  52,8 g/m    Material jacket  PUR    Shore hardness jacket  90 ± 5 Shore A	Filler	yes
Material jacket  PUR    Shore hardness jacket  90 ± 5 Shore A	wire arrangement	brown, white, red, blue, pink, gray, yellow, green
Shore hardness jacket  90 ± 5 Shore A	Cable weigth	52,8 g/m
	Material jacket	PUR
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Shore hardness jacket	
	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

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

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com



Outer-diameter (jacket)	5,8 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1,2 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)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 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	3 A
Electrical resistance line constant wire	79 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	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	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)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/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: 2024-05-20

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com