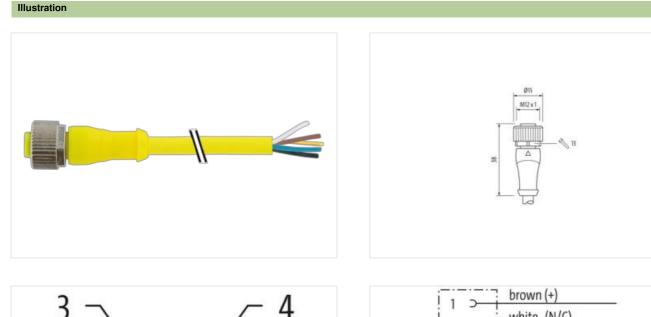


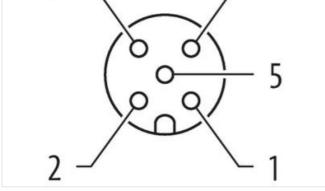
## M12 female 0° A-cod. with cable AIDA

PUR 5x0.34 ye UL/CSA+drag ch. 20m

AIDA conform Female straight M12, 5-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product





white (N/C) 2 black (N/O) 4 blue (-) 3 gn/ye (\* gray) 5 (\* for cable type 126, 732, 219, 619, 729)

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: 2024-05-20

Murrelektronik Power Oy | Jussilankatu 6 | 15680 Lahti | Fon +358 20 7789810 | Fax +358 20 7789811 | shop@murrelektronik.fi | shop.murrelektronik.fi

20 m

0,6 Nm



Family construction form     M12       Internad     M12 × 1       sublishe for corrugated table (internal 0)     10 mm       Cable colled     shriptif       Cable colled     shriptif       Cable colled     shriptif       Cable colled     shriptif       We of poles     5       Store of portection (EN IEC 60520)     IPSS, IPS6K, IPS7       Store of portection (EN IEC 60520)     IPSS, IPS6K, IPS7       Store of portection (EN IEC 60520)     IPSS, IPS6K, IPS7       Store of portection (EN IEC 60520)     IPSS, IPS6K, IPS7       Store of portection (EN IEC 60520)     IPSS, IPS6K, IPS7       Store of portection (EN IEC 60520)     IPSS, IPS6K, IPS7       Store of portection (EN IEC 60520)     IPSS, IPS6K, IPS7       Store of portection (EN IEC 60520)     IPSS, IPSG, IPSS, IPSK, IPSR, IPSK, IP	Mounting method	inserted, screwed
subtable for corrugated tube (internal @)10 mmCable outiotstraightCable outiotstraightCodingANo. of poles5Width across fathsSW13Degree of protection (EN IEC 60520)IP65, IF66K, IF67Side 2resource of protection (EN IEC 60520)Side 2resource of protection formTomo cable andCommercial dataCommercial data27279218ECLASS-6.027279218ECLASS-6.127279218ECLASS-6.127279218ECLASS-6.027279218ECLASS-6.127279218ECLASS-6.027000311ECLASS-6.127000311ECLASS-7.027000311ECLASS-7.127000311ECLASS-7.127000311ECLASS-7.227000311ECLASS-7.3ESC01895outforts furth number85442800OTM4048870677875Packaging unit1Etertical data Stoppy30 VOperating voltage AD Gmax.125 V	Family construction form	M12
Cable outlet     straight       Coding     A       N. d. poles     5       With across flats     SW13       Degree of protection (FM EC 60529)     IP65, IP67, IP67       Side 2     Stripping length (tacket)     20 mm       Family construction form     The cable and     Commarcial data       ECLASS 6.0     27279218     ECLASS 6.1     27279218       ECLASS 6.0     27279218     ECLASS 6.0     27279218       ECLASS 6.0     27279218     ECLASS 6.0     27279218       ECLASS 6.0     27279218     ECLASS 6.0     27279218       ECLASS 6.1     27279218     ECLASS 6.1     27279218       ECLASS 7.0     27260311     ECLASS 7.0     27060311       ECLASS 7.1     27060311     ECLASS 7.0     27060311       ECLASS 7.0     27060311     ECLASS 7.0     27060311       ECLASS 7.1     27060311     ECLASS 7.0     27060311       ECLASS 7.0     27060311     ECLASS 7.0     27060311       ECLASS 7.0     27060311     ECLASS 7.0     27060311       ECLASSS	Thread	M12 x 1
Coding     A       No. of poles     5       Wich arcse faits     SW13       Degree of protection (EN EC 60520)     PES, IFB6K, IP67       Side 2     Femily construction fem       Stripping length (acket)     20 mm       Femily construction fem     free cable end       Connectal data     ECLASS-6.0       ECLASS-6.0     27279218       ECLASS-6.0     27279219       ECLASS-7.0     27279219       ECLASS-6.0     27279219       ECLASS-7.0     27279219       ECLASS-6.0     27279219       ECLASS-7.0     2729219       ECLASS-1.0     27060311       ECLASS-1.0     27060311       ECLASS-1.0     27060311       <	suitable for corrugated tube (internal $Ø$ )	10 mm
No. di pales     5       Yirdi across Italis     SW13       Degre of protection (EN EC 80529)     IPRS, IPRS, IPR7       Site 2     Image of protection (EN EC 80529)       Commercial dat     Image of protection (EN EC 80529)       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27260011       ECLASS-1.0     27060311       ECLASS-1.0     27060311       ECLASS-1.0     27060311       ECLASS-1.0     27060311       ECLASS-1.0     27060311       ECLASS-1.0     27076031       GTIN     4048796775       Panakaje unit     1	Cable outlet	straight
Width across fails     SW13       Degree of protection (EN IEC 60529)     IP66, IP68K, IP67       Stepping length (jacket)     20 mm       Family construction form     free cable end       Commercial data	Coding	A
Degree of protection (EN IEC 60529)     IP65, IP66K, IP67       Side 2     Stipping length (jacker)     20 mm       Strainy construction form     free cable end     Commoncial data       ECLASS 6.0     27279218     ECLASS 7.0     27279218       ECLASS 7.0     27279218     ECLASS 7.0     27279218       ECLASS 7.0     27279218     ECLASS 7.0     27279218       ECLASS 8.0     27279218     ECLASS 8.1     27279218       ECLASS 8.1     27279218     ECLASS 8.1     27060311       ECLASS 9.1.1     27060311     ECLASS 9.1     27060311       ECLASS 9.1.2     27060311     ECLASS 9.1     27060311       ECLASS 9.1.1     27060311     ECLASS 9.1     27060311       ECLASS 9.1.1     27060311     ECLASS 9.1     20000185       customs tarif number     8544280     GTM     404897977875       Packaging unit     1     E     E     E       Corrent goveralinge AC (nax.     125 V     Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V     Operating voltage AC (UL-listed)	No. of poles	5
Strice 2       Stricping length (jackef)     20 mm       Family construction form     Iree cable end       Commercial date		SW13
Stipping length (jacket)     20 mm       Family construction form     free cable end       Commercial data     E       ECLASS 6.0     27279218       ECLASS 7.0     27279218       ECLASS 6.1     27279218       ECLASS 7.0     27279218       ECLASS 7.0     27279218       ECLASS 7.0     27279218       ECLASS 7.0     27090311       ECLASS 7.0     ECO1055       outsoms tardfin umbur     8544290       GTIN     4048879677875       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage AC max.     125 V       Operating tenge to tent cax.     4 A </td <td>Degree of protection (EN IEC 60529)</td> <td>IP65, IP66K, IP67</td>	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Family construction form     free cable end       Commercial data	Side 2	
Commercial data       ECLASS-6.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     2720211       ECLASS-8.0     2720213       ECLASS-8.0     2720213       ECLASS-8.0     2720213       ECLASS-8.0     2720213       ECLASS-1.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETM-5.0     EC001855       oustoms taiff number     6544230       GTN     4048378/7875       Packaging unit     1       Electrical data [Supply     Deperating voltage AC max.       Operating voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating voltage DC max.     125 V       Operating voltage DC (LL listed)     30 V       Current operating per contact max.     4 A       Installion i Connectio     Econe       Device protection I Electrical     30 V       Color contact cartier     18 kV       Material pro	Stripping length (jacket)	20 mm
ECLASS-6.0     27279218       ECLASS-6.1     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060317       Electrical data Supply     20       Operating voltage AC (max.     125 V       Operating operation (actention data superation action action actention action action acten	Family construction form	free cable end
ECLASS-6.1     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     2779218       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-13.0     EC001855       customs tariff number     85444290       GTIN     4048979677875       Packaging unit     1       Effected data [Supply	Commercial data	
ECLASS-6.1     27279218       ECLASS-7.0     27279218       ECLASS-7.0     27279218       ECLASS-8.0     2779218       ECLASS-9.0     27060311       ECLASS-10.1     27060311       ECLASS-11.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-13.0     EC001855       customs tariff number     85444290       GTIN     4048979677875       Packaging unit     1       Effected data [Supply	ECLASS-6.0	27279218
ECLASS-7.0     27279218       ECLASS-8.0     27279218       ECLASS-8.0     27260311       ECLASS-8.0     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tariff number     85444290       GTIN     4048879677875       Packaging unit     1       Etertical data   Supply     Derating voltage AC max.       Operating voltage DC max.     125 V       Operating rompace		
ECLASS-8.0     27060311       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060311       ETM-5.0     EC001865       customs tariff number     85444290       GTIN     4048979677875       Packaging unit     1       Eterctical data   Supply       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating procentact max.     4 A       Installation   Connection     Stripping length (tacket)       Stripping length (tacket)     20 mm       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     1.5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Codor contact carrier       Codor contact carrier     yellow       Material proup (IEC 60664-1)     1       Mechanical data   Material data     Zinc die-casting       Material proup (IEC 606664-1)     1 <td></td> <td></td>		
ECLASS-8.0     27060311       ECLASS-10.1     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060311       ETM-5.0     EC001865       customs tariff number     85444290       GTIN     4048979677875       Packaging unit     1       Eterctical data   Supply       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating procentact max.     4 A       Installation   Connection     Stripping length (tacket)       Stripping length (tacket)     20 mm       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     1.5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Codor contact carrier       Codor contact carrier     yellow       Material proup (IEC 60664-1)     1       Mechanical data   Material data     Zinc die-casting       Material proup (IEC 606664-1)     1 <td>ECLASS-8.0</td> <td>27279218</td>	ECLASS-8.0	27279218
ECLASS-12.0     27060311       ETIM-5.0     EC001855       oustoms taiff number     85444290       GTIN     4048879677875       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage DC (UL-listed)     30 V       Operating voltage per contact max.     4 A       Installation   Connection     E       Stripping length (jacket)     20 mm       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     1.5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Cooling contact carrier       Color contact carrier     yellow		
ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tarlif number     85444290       GTIN     4048879677875       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Instaliation   Connection        Stripping length (jacket)     20 mm       Device protection   Electrical        Additional condition protection degree     instende, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data        Coating locking     Nickeled       Color contact carrier     yellow       Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Env	ECLASS-10.1	27060311
ECLASS-12.0     27060311       ETIM-5.0     EC001855       customs tarlif number     85444290       GTIN     4048879677875       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     125 V       Operating voltage AC max.     125 V       Operating voltage AC (UL-listed)     30 V       Operating voltage AC (UL-listed)     30 V       Current operating per contact max.     4 A       Instaliation   Connection        Stripping length (jacket)     20 mm       Device protection   Electrical        Additional condition protection degree     instende, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data        Coating locking     Nickeled       Color contact carrier     yellow       Material housing     PUR       Locking material     Zinc die-casting       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Env		27060311
customs tariff number   85444290     GTIN   4048879677875     Packaging unit   1     Electrical data   Supply      Operating voltage AC max.   125 V     Operating voltage AC (UL-listed)   30 V     Operating voltage AC (UL-listed)   30 V     Current operating portage AC (UL-listed)   30 V     Current operating port contact max.   4 A     Installation   Connection   Stripping length (lacket)     Stripping length (lacket)   20 mm     Device protection   Electrical      Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Material group (IEC 60664-1)   I     Material force   Yellow     Material group (IEC 60664-1)   I     Locking   Nickeled     Color contact carrier   Yellow     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection<	ECLASS-12.0	27060311
GTIN 4048879677875   Packaging unit 1   Electrical data   Supply Operating voltage AC max. 125 V   Operating voltage DC max. 125 V   Operating voltage AC (UL-listed) 30 V   Current operating per contact max. 4 A   Installation   Connection Stripping length (jacket)   Stripping length (jacket) 20 mm   Deveting voltage voltage inserted, screwed   Pollution Degree 3   Rated surge voltage 1.5 kV   Material group (IEC 60664-1) 1   Material model Nickeled   Coating looking Nickeled   Coating looking Nickeled   Color contact carrier yellow   Material housing PUR   Looking material Zinc die-casting   Mounting method inserted, screwed, Shaking protection	ETIM-5.0	EC001855
Packaging unit   1     Electrical data   Supply     Operating voltage AC max.   125 V     Operating voltage AC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   20 mm     Device protection   Electrical   Additional condition protection degree     Naterial group (IEC 60684-1)   1     Instrilation   Contact carrier   yellow     Material group (IEC 60684-1)   1     Mechanical data   Material data   Coating locking     Coating locking   Nickeled     Coating locking   Nickeled     Color contact carrier   yellow     Material housing   PUR     Locking material   Zinc dic-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C <td>customs tariff number</td> <td>85444290</td>	customs tariff number	85444290
Electrical data   Supply     Operating voltage AC max.   125 V     Operating voltage DC max.   125 V     Operating voltage AC (UL-listed)   30 V     Operating voltage AC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Stripping length (jacket)   20 mm     Device protection   Electrical   Additional condition protection degree   inserted, screwed     Polution Degree   3   Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1   Image: Stripping locking   Nickeled     Codor contact carrier   yellow   Material data   Material data     Material locking   PUR   Inserted, screwed, Shaking protection     Coding tocking   Nickeled   Codor contact carrier   yellow     Material housing   PUR   Inserted, screwed, Shaking protection   Environmental characteristics   Climatic     Operating material   Zinc die-casting   Material housing   PUR     Locking material   Sinserted, screwed, Shaking protection   Environmental characteristics   Climatic     Operating temperature min.   -25 °C   Operating temperature max.   A5 °C </td <td>GTIN</td> <td>4048879677875</td>	GTIN	4048879677875
Operating voltage AC max.   125 V     Operating voltage DC max.   125 V     Operating voltage AC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   20 mm     Device protection   Electrical   Additional condition protection degree     Additional condition protection degree   3     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1     Mechanical data   Material data   Vickeled     Color contact carrier   yellow     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   mounting method     Inserted, screwed, Shaking protection   Environmental characteristics   Climatic     Operating locking   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   mounting method     Inserted, screwed, Shaking protection   Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C <t< td=""><td>Packaging unit</td><td>1</td></t<>	Packaging unit	1
Operating voltage DC max.   125 V     Operating voltage AC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Stripping length (jacket)   20 mm     Device protection   Electrical   Additional condition protection degree   inserted, screwed     Pollution Degree   3   3   Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I   Image: Context cont	Electrical data   Supply	
Operating voltage DC max.   125 V     Operating voltage AC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Stripping length (jacket)   20 mm     Device protection   Electrical   Additional condition protection degree   inserted, screwed     Pollution Degree   3   3   Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   1   Inserted   Coating locking   Nickeled     Color contact carrier   yellow   Yellow   Material housing   PUR     Locking material   Zinc die-casting   Mechanical data   Mounting data   Mounting method   inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection   Environmental characteristics   Climatic   Operating temperature max.   85 °C     Operating temperature max.   85 °C   Additional condition temperature range   depending on cable quality	Operating voltage AC max.	125 V
Operating voltage AC (UL-listed)   30 V     Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Stripping length (jacket)   20 mm     Device protection   Electrical   Additional condition protection degree   inserted, screwed     Pollution Degree   3   3   Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I   Image: Content of the strength of the streng		
Operating voltage DC (UL-listed)   30 V     Current operating per contact max.   4 A     Installation   Connection   Stripping length (jacket)     Stripping length (jacket)   20 mm     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     Coting locking   Nickeled     Color contact carrier   yellow     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		30 V
Current operating per contact max.   4 A     Installation   Connection     Stripping length (jacket)   20 mm     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     Color contact carrier   yellow     Material housing   PUR     Locking material   Zinc die-casting     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		30 V
Stripping length (jacket)   20 mm     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	Current operating per contact max.	4 A
Stripping length (jacket)   20 mm     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     Coating locking   Nickeled     Color contact carrier   yellow     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Mechanical data   Mounting data   Screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Installation   Connection	
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     Color contact carrier   yellow     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     Abitional condition temperature range   depending on cable quality	i de la companya de l	20 mm
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     Color contact carrier   yellow     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Sincerted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     Additional condition temperature range   depending on cable quality		
Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Coating locking   Nickeled     Color contact carrier   yellow     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		
Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Coating locking   Nickeled     Color contact carrier   yellow     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     Additional condition temperature range   depending on cable quality		
Material group (IEC 60664-1)   I     Mechanical data   Material data     Coating locking   Nickeled     Color contact carrier   yellow     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	-	
Mechanical data   Material data     Coating locking   Nickeled     Color contact carrier   yellow     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		
Coating lockingNickeledColor contact carrieryellowMaterial housingPURLocking materialZinc die-castingMechanical data   Mounting dataInserted, screwed, Shaking protectionEnvironmental characteristics   Climatic-25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable quality		
Color contact carrier   yellow     Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     Additional condition temperature range   depending on cable quality	Mechanical data   Material data	
Material housing   PUR     Locking material   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality		Nickeled
Locking material   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     -25 °C   Operating temperature max.     85 °C   Additional condition temperature range		-
Mechanical data   Mounting data     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	-	PUR
Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Locking material	Zinc die-casting
Environmental characteristics   Climatic     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Mechanical data   Mounting data	
Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality	Environmental characteristics   Climatic	
Operating temperature max. 85 °C   Additional condition temperature range depending on cable quality	· ·	-25 °C
Additional condition temperature range depending on cable quality		
Important installation notes		
	Important installation notes	

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 Power Oy | Jussilankatu 6 | 15680 Lahti | Fon +358 20 7789810 | Fax +358 20 7789811 | shop@murrelektronik.fi | shop.murrelektronik.fi



Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
wire arrangement	brown, black, blue, white, gray
Cable identification	126
Cable Type	3
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, gray
Cable weigth	41,8 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)	4.8 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)	2.5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   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
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

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 Power Oy | Jussilankatu 6 | 15680 Lahti | Fon +358 20 7789810 | Fax +358 20 7789811 | shop@murrelektronik.fi | shop.murrelektronik.fi



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 Power Oy | Jussilankatu 6 | 15680 Lahti | Fon +358 20 7789810 | Fax +358 20 7789811 | shop@murrelektronik.fi | shop.murrelektronik.fi