

## M12 female 0° A-cod.with cable 3LED

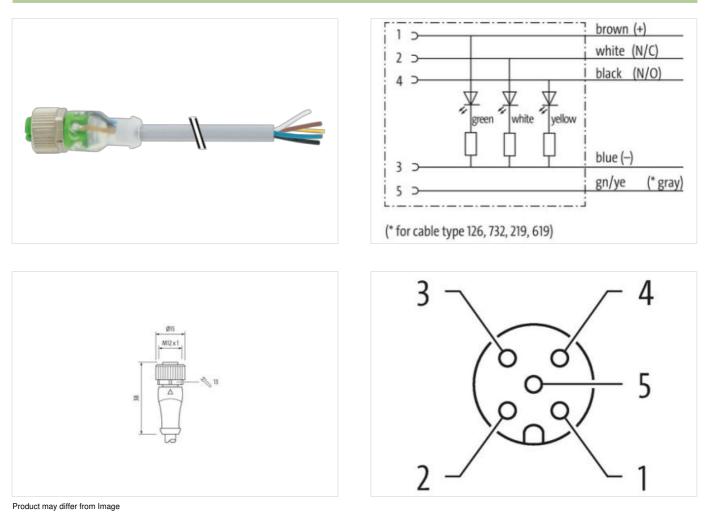
PUR 5x0.34 gy UL/CSA 3m

## **▲ NOTICE ▲** PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Female straight M12, 5-pole 3× LED (PNP) Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration





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: 2024-06-23

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



SideTquhenja (rapun0.6 kovedTaniya (orgunM.2Kontrig methodM.2 kaCodingAMarialM.2 kaCodingAMarialPURWith access thisSN 15Dagree of protection (EN IEG 6052)PE6, IP66K, IP67Colladas 6.122729719ECLASS 7.022729719ECLASS 7.022729719ECLASS 7.022729719ECLASS 7.02720919ECLASS 7.027060311ECLASS 7.027060311ECLASS 7.1.127060311ECLASS 7.1.227060311ECLASS 7.1.327060311ECLASS 7.1.427060311ECLASS 7.1.727060311ECLASS 7.1.827060311ECLASS 7.1.927060311ECLASS 7.227080311Elected thal Supply27080311Pachaging und4404Pachaging und4948794566Pachaging und39 VElected thal Supply39 VCorrert operating voltage DO ma.39 VCorrert operating voltage DO ma.39 VCorrert operating voltage DO ma.39 VElected thal Supply10 to	Cable length	3 m
Acurang method         Inserted, sorewed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           With accoss fits         SW13           Degree of protection (EN IEC 6059)         IPES, IPES, IPES, IPES, IPES           Commedial B         2727218           ECLASS-5.0         2727218           ECLASS-6.1         2727218           ECLASS-6.0         2709031           ECLASS-7.0         2709031           ECLASS-7.0         2709031           ECLASS-7.0.1         27060311           COLASS 1.1         27060311           COLASS 1.1         27060311           Colass 1.1         27060311           Colass 1.1         27060311           Colass 1.2         2700311           Colass 1.2         27004031           Colass 1.2	Side 1	
Acurang method         Inserted, sorewed           Family construction form         M12           Thread         M12 x 1           Coding         A           Material         PUR           With accoss fits         SW13           Degree of protection (EN IEC 6059)         IPES, IPES, IPES, IPES, IPES           Commedial B         2727218           ECLASS-5.0         2727218           ECLASS-6.1         2727218           ECLASS-6.0         2709031           ECLASS-7.0         2709031           ECLASS-7.0         2709031           ECLASS-7.0.1         27060311           COLASS 1.1         27060311           COLASS 1.1         27060311           Colass 1.1         27060311           Colass 1.1         27060311           Colass 1.2         2700311           Colass 1.2         27004031           Colass 1.2	Tightening torque	0.6 Nm
Family construction form         M12           Thread         M12 x 1           Coding         A           Malerial         PUR           With arcoss fields         SW13           Degree of protection (EN IEC 60529)         IPEB, IPEBK, IPE7           Commercial data         27278218           ECLASS 5.1         27278218           ECLASS 5.0         27278218           ECLASS 5.1         27278218           ECLASS 5.0         27278218           ECLASS 5.1.1         27060311           ECLASS 5.1.0         27077496           Packaging unit         1           Electrical data [Suppty         3		
Coding         A           Material         PUR           With arons filts         SW13           Dagread protection (EN IEC 60529)         IPS, IP60K, IP67           Commercial data         27270218           ECLASS 6.1         27270218           ECLASS 5.0         27270218           ECLASS 5.0         27270218           ECLASS 5.0         27270218           ECLASS 5.0         27260311           ECLASS 5.1         27060311           ECLASS 5.1.0         27060311           ECLASS 5.1.1         27060311           ECLASS 5.1.2.0         27060311           automs tarff mumber         8544200           GTIN         4049873874496           Packaging unit         1           Electical atal Supply         Comercial Supply           Operating voltage DC max.         30 V           Current toprating por contact max.         4 A           Diagnostics         Current toprating por contact max.           Datis indication LED         grean. while y relow           Istatis indication LED         grean. while y relow           Istatis indication Exercision         Situe indication Exercision           Pacita group ting contact degree         instarted, sprewwed		
Material         PUR           Width across fats         SW13           Degree of protection (EN EC 66529)         IP65, FP6K, IP67           Commercial dats         ECLASS 6.1         27279218           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 7.0         27260311         ECLASS 7.0         27260311           ECLASS 7.0         27060311         ECLASS 7.0         27060311           Catass fath number         9544290         GTM         448879674466           Packaging unit         1         Etertical data [ Suppiy         Comercial gata gata gata gata gata gata gata ga	Thread	M12 x 1
With across flats         SW13           Dagree of protection (EN IEC 66529)         IPS, IP66K, IP67           Commercial dats         27278218           ECLASS 6.1         27278218           ECLASS 5.0         27278218           ECLASS 5.0         27278218           ECLASS 5.0         27260311           ECLASS 5.1.1         27060311           ECLASS 5.2.0         27060311           ECLASS 5.2.0         27060311           Catoms flat ff number         6544200           GTIN         4048379874496           Packagn unit         1           Electrical data i Suppy            Operating voltage DC         24 V           Operating voltage DC fma.         18 V           Operating voltage DC fma.<	Coding	A
Degree of protection (EN IEC 60529)         IP66, IP67           Commercial data         27279218           ECLASS 6.1         27279218           ECLASS 0.0         27279218           ECLASS 0.0         27279218           ECLASS 5.0.1         27060311           ECLASS 5.1.1         27060311           ECLASS 5.1.1         27060311           ECLASS 5.1.2         27060311           Custom Staff Inmbor         8544280           GTIN         494878674496           Packaging unit         1           Electricat data [ Supply	Material	PUR
Commercial data         27279/18           ECLASS-6.1         27279/18           ECLASS-7.0         27279/218           ECLASS-6.0         270600311           ECLASS-6.0         270600311           ECLASS-7.0         270600311           ECLASS-10.1         270600311           ECLASS-11.1         270600311           ECLASS-12.0         270600311           ECLASS-12.0         270600311           eclasms fairf number         E5444290           GTIN         4048879874496           Packaging unit         1           Eclerical data I Suppy         Commercial data I Suppy           Operating voltage DC         24 V           Operating voltage DC max.         30 V           Current operating voltage DC max.         30 V           Current operating ontege DC max.         30 V           Current operating per contact max.         4 A           Degreting voltage DC max.         30 V           Current operating per contact max.         4 A           Degreting voltage DC max.         30 V           Current operating per contact max.         4 A           Degreting voltage DC max.         30 V           Current operating tingerin (singer per singer singer singeringer singer singe	Width across flats	SW13
ECLASS-6.1         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27060311           ECLASS-8.0.1         27060311           ECLASS-8.0.1         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           CLASS-12.0         27060311           cutors strift rumber         6544290           GTIN         404879874496           Packaging unit         1           Electrical data [ Supply	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
ECLASS 7.0         27279218           ECLASS 8.0         27279218           ECLASS 8.0         27060311           ECLASS 8.0.1         27060311           ECLASS 1.1         27060311           ECLASS 1.1         27060311           ECLASS 1.2.0         27060311           CLASS 1.2.0         27060311           customs tartf number         85444290           GTIM         4048879874496           Packaging unit         1           Electrical data   Supply            Operating voltage DC max.         30 V           Current operating one DC max.         30 V           Current operating one Contact max.         4 A           Deparating voltage DC max.         30 V           Current operating one contact max.         4 A           Deparating voltage DC max.         30 V           Current operating one contact max.         4 A           Deparating voltage DC max.         30 V           Current operating one contact max.         4 A           Device protection I Electrical         Installian I Connecton           Mounting set         M12 X 1           Device protection I flectrical         Installian I Connecton           Read surge voltage         0.8 V	Commercial data	
ECLASS 8.0         27279218           ECLASS 9.0         2760311           ECLASS 9.0         2760311           ECLASS 9.1         2760311           ECLASS 9.1         2760311           ECLASS 9.2         2760311           ECLASS 9.1.1         2760311           ECLASS 9.2         2760311           ECLASS 9.1.2         2760311           ECLASS 9.1.2         2760311           ECLASS 9.1.2         2760311           ECLASS 9.1.1         2760311           ECLASS 9.1.2         2760311           Electrical data Supply         24           Operating voltage DC max.         30 V           Current operating per content max.         4 A           Diagnostics         30000           Status inclaston LED         green, white, yellow           Instellation   Concetion         Mouring set           Mouning set         M12 × 1           Device protection   Electrical         Additiona protection degree           Insteled	ECLASS-6.1	27279218
ECLASS-9.0         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           exatoms tariff number         85444290           GTIN         404867967496           Packaging unit         1           Electrical data   Supply         V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication LED         green, while, yellow           Installation   Connection         M12 x 1           Device protection   Electrical         A           Additional condition protection degree         isserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material grap (EC 60664-1)         I           Mechanical data   Material data         Coding of fitting           Coding locking         Nickeled           Coding locking         Nickeled      <	ECLASS-7.0	27279218
ECLASS-10.1         27060311           ECLASS-12.0         27060311           CLASS-12.0         27060311           oustoms tariff number         85444290           GTIN         4048978674496           Packaging unit         1           Electrical data   Supply            Operating voltage DC         24 V           Operating voltage DC max.         30 V           Current operating per contlact max.         4 A           Diagnosite            Status indication LED         green, white, yellow           Installation for Contection            Mounting set         M12 x 1           Device protection   Electrical            Additional condition protection degree         inserted, screwed           Politation Dagree         3           Rated surge voltage         0.8 kV           Material group (EC 60664-1)         1           Mechanical data   Material data         Zinc die-casting           Material group (EC 60664-1)         1           Mechanical data   Material data         Zinc die-casting           Material group (EC 60664-1)         1           Mechanical data   Mounting data         Zinc die-casting           Material group (EC 60	ECLASS-8.0	27279218
ECLASS-11.1         27060311           ECLASS-12.0         27060311           existoms tariff number         8544290           GTIN         4048879874496           Packaging unit         1           Electrical data [Supply         7000000000000000000000000000000000000	ECLASS-9.0	27060311
ECLASS-12.0     27060311       customs tauff number     85444290       GTIN     4048879874496       Packaging unit     1       Electrical data   Supply        Operating voltage DC     24 V       Operating voltage DC man.     18 V       Operating voltage DC man.     30 V       Current operating per contact max.     4 A       Diagnostics        Status indication LED     green, white, yellow       Installation   Connection        Mounting set     M12 x 1       Device protection / Electrical        Additional condition protection degree     inserted, sorewed       Pollution Dagree     3       Rated surge voltage     0.8 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data        Coating of thing     nickel plated       Locking material     Zinc die-casting       Material sorew connection     Zinc die-casting<	ECLASS-10.1	27060311
customs tariff number         85444290           GTIN         4048875874496           Packaging unit         1           Electrical data [Supply         Comparing voltage DC           Operating voltage DC max.         84 V           Operating voltage DC max.         80 V           Current operating per contact max.         4 A           Diagnostics         Current operating per contact max.           Status indication LED         green, white, yellow           Installion   Connection         M12 x 1           Device protection   Electrical         M12 x 1           Device protection [ Electrical         Status indication Degree           Additional condition protection degree         inserted, screwed           Politation Degree         3           Retard surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Caiting of fitting           Coating of fitting         nickel plated           Caiting of fitting         inckel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Ince die-casting           Material screw connection         Zinc die-ca	ECLASS-11.1	27060311
GTIN     4048879874496       Packaging unit     1       Electrical data   Supply        Operating voltage DC     24 V       Operating voltage DC max.     30 V       Current operating per contact max.     4 A       Diagnostics        Status indication LED     green, white, yellow       Installation   Connection        Mounting set     M12 x 1       Deveroprotection   Electrical       Additional condition protection degree     inserted, screwed       Polution Degree     3       Rated surge voltage     0.8 kV       Material group (IEC 60664-1)     1       Metherial Group (IEC 60664-1)     1   <	ECLASS-12.0	27060311
Packaging unit       1         Electrical data   Supply       Perating voltage DC       24 V         Operating voltage DC min.       18 V         Operating voltage DC max.       30 V         Current operating per contact max.       4 A         Diagnostics       Status indication LED       green, while, yellow         Installation   Connection       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0.8 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 screw connection       Zinc die-casting         Material characteristics   Climatic       Operating temperature min.         Q5 °C       Qperating temperature min.         Q5 °C       Qperating temperature mix.         A6 °C       Quetage         Additional condition temperature range       depending on cable qual		
Electrical data   Supply         Operating voltage DC       24 V         Operating voltage DC max.       30 V         Current operating per contact max.       4 A         Diagnostics       green, while, yellow         Installation   Connection       model operating per contact max.         Mouting set       M12 x 1         Device protection   Electrical       Additional condition protection degree         Additional condition protection degree       3         Rated surge voltage A       0.8 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Coating docting         Coating dof fitting       nickeled         Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material cata   Mouting data       Inserted, screwed, Shaking protection         Coating lochiton temperature min.       -25 °C         Operating temperature max.       85 °C </td <td></td> <td>4048879874496</td>		4048879874496
Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED           Status indication LED         green, white, yellow           Installation   Connection         Max 1           Device protection   Electrical         M12 x 1           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0.8 k/V           Material group (IEC 60664-1)         1           Mechanical data   Material data         Zone diecasting           Coating locking         Nickeled           Coating locking         Nickeled           Coating of fitting         inckel plated           Locking material         Zine die-casting           Material Hounting data         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Generating on cable quality           Operating temperature min.         -25 °C           Operating temperature max.         65 °C           Additional condition temperature max.         65 °C           Additional condition temperature max. <td>Packaging unit</td> <td>1</td>	Packaging unit	1
Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Diagnostics         Generating per contact max.           Status Indication LED         green, white, yellow           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree         inserted, screwed           Pollutio Degree         3         Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I         Inserted, screwed         Inserted, screwed           Coating locking         Nickeled         Inserted, screwed         Inserted, screwed           Coating locking         Nickeled         Inserted, screwed, Staking protection         Inserted, screwed, Staking protection           Material screw connection         Zinc die-casting         Inserted, screwed, Shaking protection         Inserted, screwed, Shaking protection           Mechanical data   Mounting data         Inserted, screwed, Shaking protection         Inserted, screwed, Shaking protection         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Qoerating temperature min.         -25 °C         Qoerating temperature max.         85 °C           Additional condition tempe	Electrical data   Supply	
Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED         green, white, yellow           Installation   Connection         M12 x 1           Device protection   Electrical         Additional condition protection degree         inserted, screwed           Pollution Degree         3         A           Rated surge voltage         0,8 kV         Material group (IEC 60664-1)         I           Mechanical data   Material data         Veloe-casting         Coating of fitting         nickel plated           Locking material         Zinc die-casting         Coating of fitting         nickel plated           Locking material         Zinc die-casting         Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection         Environmental characteristics   Climatic           Operating temperature max.         85 °C         Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C         Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C         Additional condition temperature max.         85 °C           Additional condition temperature max.         85 °C </td <td>Operating voltage DC</td> <td>24 V</td>	Operating voltage DC	24 V
Current operating per contact max.     4 A       Diagnostics       Status indication LED     green, white, yellow       Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0,8 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data       Coating locking     Nickeled       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     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     depending on cable quality       Conformity     Product standard     Din Kel 076-2-101 (M12)	Operating voltage DC min.	18 V
Diagnostics           Status indication LED         green, white, yellow           Installation   Connection         Mul2 x 1           Device protection   Electrical         M12 x 1           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating locking           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Nickeled           Coating locking         Zinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Stered, screwed, Shaking protection           Environmental characteristics   Climatic         Coating temperature min.           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         Environmental characteristics   Climatic           Product standard         DIN EN 61076-2-101 (M12)	Operating voltage DC max.	30 V
Status indication LED     green, white, yellow       Installation   Connection     Mul2 x 1       Device protection   Electrical     Inserted, screwed       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Inserted, screwed       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     S <sup>o</sup> C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Produet standard       Produet standard     DIN EN 61076-2-101 (M12)	Current operating per contact max.	4 A
Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical	Diagnostics	
Muonting set         M12 x 1           Device protection   Electrical         inserted, screwed           Additional condition protection degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Voltabe           Coating locking         Nickeled           Coating locking         Nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Methanical data   Mounting data         Volte-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Co           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Conformity         Voltabel screwed, Screwed	Status indication LED	green, white, yellow
Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data            Coating locking         Nickeled           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         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           Conformity         UN EN 61076-2-101 (M12)           Cable         UN EN 61076-2-101 (M12)	Installation   Connection	
Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       0.8 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       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       I         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Product standard       DIN EN 61076-2-101 (M12)         Cable       UN EN 61076-2-101 (M12)	Mounting set	M12 x 1
Pollution Degree       3         Rated surge voltage       0,8 kV         Material group (IEC 60664-1)       1         Mechanical data   Material data       Incertain control of the state of the sta	Device protection   Electrical	
Rated surge voltage     0,8 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Coating locking     Nickeled       Coating locking     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       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     DIN EN 61076-2-101 (M12)       Cable     Cable	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)       I         Mechanical data   Material data       Coating locking       Nickeled         Coating of fitting       nickel plated       I         Locking material       Zinc die-casting       I         Material screw connection       Zinc die-casting       I         Mechanical data   Mounting data       Inserted, screwed, Shaking protection       I         Environmental characteristics   Climatic       Operating temperature min.       -25 °C         Operating temperature max.       85 °C       Additional condition temperature range         Additional condition temperature range       DIN EN 61076-2-101 (M12)       IN EN 61076-2-101 (M12)         Cable       IN EN 61076-2-101 (M12)       IN EN 61076-2-101 (M12)       IN EN 61076-2-101 (M12)	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       Kounting 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         Conformity       DIN EN 61076-2-101 (M12)         Cable       UN EN 61076-2-101 (M12)	Rated surge voltage	0,8 kV
Coating lockingNickeledCoating of fittingnickel platedLocking materialZinc die-castingMaterial screw connectionZinc die-castingMechanical data   Mounting dataInserted, screwed, Shaking protectionMounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   Climatic-25 °COperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityProduct standardDIN EN 61076-2-101 (M12)Cable-25 °C	Material group (IEC 60664-1)	I
Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       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         Conformity       DIN EN 61076-2-101 (M12)         Cable       Environmental characteristics	Mechanical data   Material data	
Coating of fitting       nickel plated         Locking material       Zinc die-casting         Material screw connection       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         Conformity       DIN EN 61076-2-101 (M12)         Cable       Environmental characteristics	Coating locking	Nickeled
Locking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         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         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)		
Material screw connection       Zinc die-casting         Mechanical data   Mounting data         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)		
Mounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)Cable		Zinc die-casting
Mounting methodinserted, screwed, Shaking protectionEnvironmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)Cable	Mechanical data   Mounting data	
Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Conformity       Product standard         DIN EN 61076-2-101 (M12)       Cable		inserted, screwed. Shaking protection
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Image: Conformity       Product standard     DIN EN 61076-2-101 (M12)       Cable     Image: Conformity	-	
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Product standard       DIN EN 61076-2-101 (M12)       Cable	· · · · ·	
Additional condition temperature range     depending on cable quality       Conformity     Product standard       DIN EN 61076-2-101 (M12)       Cable		
Conformity       Product standard       DIN EN 61076-2-101 (M12)       Cable		
Product standard DIN EN 61076-2-101 (M12) Cable		····· · · · · · · · · · · · · · · · ·
Cable		DIN EN 61076 2 101 (M12)
		UIN EN 61076-2-101 (M12)
Cable identification 225		
	Cable identification	225

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: 2024-06-23

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	54,78 g
Material wire	Cu wire, bare
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	5× 0.34 mm <sup>2</sup>
AWG	similar to AWG 22
Material wire isolation	PVC
Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Shore hardness wire isolation	43 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl, wh, gnye longitudinally striped
Stranding combination	5 wires twisted around central filler
Shield	no
Material jacket	PUR/PVC
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant
Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	5.0 mm ±5%
Color jacket	gray
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s <sup>2</sup>

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: 2024-06-23