

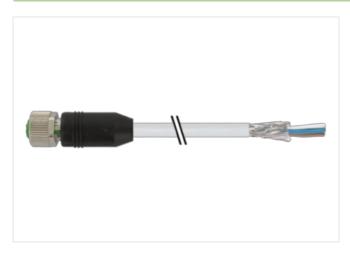
## M12 female 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy 60m

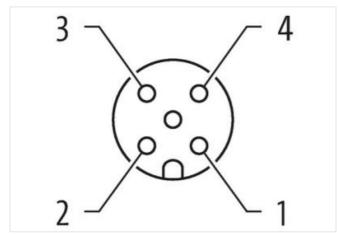
Female straight M12, 4-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

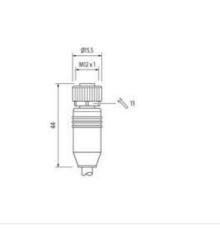
## Link to Product

Illustration









Product may differ from Image



Cable length

60 m

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: 2024-04-19

0,6 Nm

Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk



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Widh acrose fluis     WH3       Degree of protection (EN IEC 60529)     P68, IP68K, IP67       Commoncial dat     E       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-6.0     272605011       ECLASS-7.0     27060311       ECLASS-10.1     27060311       ECLASS-12.0     27060311       ECLASS-12.0     27060311       CALSS-12.0     27060311       Catast Inf Immber     6944290       GTIN     4048279556651       Packaging unit     1       Edectical ati Supply     Correction Genetion       Carrect operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Operating voltage AC max.     10 X 1       Device protection [Edectrical     Saradow       Material group (Ede Contection     11 X 1       Material group (Ede Contection 1     12 K       Additional portection degree	Coding	A
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ECLASS-8.0     27279218       ECLASS-9.0     27060311       ECLASS-1.1     27060311       ECLASS-1.1     27060311       ECLASS-1.2.0     27060311       ECLASS-1.3     27060311       ECLASS-1.4     27060311       ECLASS-1.2.0     27060311       ECLASS-1.2.0     27060311       ECLASS-1.3     ECON155       cuatoms tariff number     8444290       GIN     4048078556651       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     60 V       Operating voltage DC max.     60 V       Corrent operating per contact max.     4 A       Installation   Connection     Hit x 1       Device protection   Electrical     1       Addition protection degree     inserted, screwed       Pollution Degree	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     EC001885       austoms taff number     8544290       GTM     4048879556651       Packaging unit     1       Electrical data Suppy     Electrical data Suppy       Operating voltage AC max.     60 V       Current operating voltage AC max.     60 V       Current operating concetat max.     4 A       Istaliatio Concetion     Italiatio Concetion       Mouning set     M12 x 1       Device protection   Electrical     X       Additional condition protection degree     iserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (EC 60664-1)     1       Mechanical data   Material data     Coding of fitting       Coding of fitting     nickel plated       Coding of fitting     ickel acasting       Material screw connection     Zinc dic	ECLASS-7.0	27279218
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ECLASS-12.0     27060311       ETIM-5.0     EC001955       packsons tariff number     85444200       GTIN     4048879556651       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Current operating per contact max.     4 A       Installation   Connection     Mit2 x 1       Device protection   Electrical     Additional condition protection degree       Additional condition protection degree     inserted, screwed       Pollution Dagree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Zore de-casting       Coating of fitting     nickel plated       Coating of fitting     nickel plated       Locking material     Zore de-casting       Material screw connection     ZS °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conternity     Previous standard     Si °C <td>ECLASS-10.1</td> <td>27060311</td>	ECLASS-10.1	27060311
ETIM-8.0     EC001855       customs tauff number     85444290       GTIN     404837956661       Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     60 V       Current operating per contact max.     64 A       Installation   Connection        Mounting set     M12 x 1       Device protection   Electrical        Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rate surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Jinserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Comparing immerial       Operating immerial characteristics   Climatic     Si S C       Coperating immeriaure man.     25 S	ECLASS-11.1	27060311
cuistoms tariff number     85444290       GTIN     4048879556851       Packaging unit     1       Electrical data ISupply     60 V       Operating voltage AC max.     60 V       Current operating per contact max.     60 V       Current operating per contact max.     60 V       Ibalaliation [Connection     Ibalaliation [Connection Generation       Mounting set     M12 x 1       Device protection [Electrical     Ibalaliation [Connection Generation       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60684-1)     1       Mechanical data   Material data     Zinc die-casting       Coating locking     Nickeled       Coating of fitting     nickel plated       Locking material     Zinc die-casting       Mechanical data   Mounting data     Si °C       Porenting temperature man.     25 °C       Operating temperature man.     25 °C       Operating temperature man.     25 °C       Operating temperature man.     25 °C       Ope	ECLASS-12.0	27060311
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Packaging unit     1       Electrical data   Supply        Operating voltage AC max.     60 V       Operating voltage DC max.     60 V       Current operating per contact max.     4 A       Installation   Connection        Mounting set     M12 x 1       Device protection   Electrical        Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data        Coating of tifting     nickel plated       Locking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data        Portuge temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperatu	customs tariff number	85444290
Electrical data   Supply       Operating voltage AC max.     60 V       Operating voltage DC max.     80 V       Current operating per contact max.     4 A       Installation   Connection     Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical     Inserted, screwed       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1.5 kV       Material group (IEC 60664-1)     I       Mechanical data   Material data     Incere acting       Coating of fitting     Nickeled       Coating of fitting     Cale casting       Material screw connection     Zinc die-casting       Mounting method     inserted, screwed. Shaking protection       Portang method     inserted, screwed. Shaking protection       Coating of fitting     4.5 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Operating temperature max.     85 °C       Additional condition temperature max.     85 °C       Additional condition temperature max.     8	GTIN	4048879556651
Operating voltage AC max.     60 V       Operating voltage AC max.     60 V       Current operating per contact max.     4 A       Installation   Connection     Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical     Installation   Connection       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEG 60664-1)     I       Mechanical data   Material data     Image: Contact max.       Coating locking     Nickeled       Coating l	Packaging unit	1
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Installation   Connection       Mounting set     M12 x 1       Device protection   Electrical     inserted, screwed       Additional condition protection degree     isserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coacing locking       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)       Installation   Cable     Cable cloching       Cable loching     331       Jacket Color     gray       Amount stranding     1	Operating voltage DC max.	60 V
Mounting set     M12 x 1       Device protection   Electrical     inserted, screwed       Additional condition protection degree     iserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating locking       Coating locking     Nickeled       Coating locking     Nickeled       Coating locking     Zinc die-casting       Material screw connection     Zinc die-casting       Mounting method     inserted, screwed, Shaking protection       Porrating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature max.     65 °C       Additional condition temperature range     depending on cable quality       Contornity     Environmental characteristics   Climatic       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Site dientification       Jacket Color     gray       Amount stranding     1       Stranding     4 wires twisted	Current operating per contact max.	4 A
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Device protection   Electrical       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Coating of fitting       Coating of fitting     Nickeled       Coating of fitting     nickel plated       Looking material     Zinc die-casting       Material screw connection     Zinc die-casting       Mechanical data   Mounting data     Inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Inserted, screwed, Shaking protection       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)       Inseltation   Cable     -       Cable identification     331       Jacket Color     gray       Amount stranding     1       Stranding     4 wires twisted		M12 x 1
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Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Coating locking   Nickeled     Coating locking   nickel plated   Locking material     Locking material   Zinc die-casting   Material screw connection     Methanical data   Mounting data   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     Contomity   Installation   Cable   Installation   Cable   Installation   Cable     Cable identification   331   Jacket Color   gray     Amount stranding   1   Stranding   Installation   Cable     Stranding   Fleece, Foil   Stranding   Fleece, Foil		
Material group (IEC 60664-1)   I     Mechanical data   Material data   Vickeled     Coating locking   Nickeled     Coating of fitting   nickel plated     Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   Mounting method     Mounting method   inserted, screwed, Shaking protection     Environmental characteristics   Climatic   Operating temperature min.     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)     Installation   Cable   Cable identification     Jacket Color   gray     Amount stranding   1     Stranding   4 wires twisted     Banding   Fleece, Foil		
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     Inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Cooperating temperature min.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Conformity     Vertex (Material Casting)       Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Gable identification       Gable identification     331       Jacket Color     gray       Amount stranding     1       Stranding     4 wires twisted       Banding     Fleece, Foil		
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Locking material   Zinc die-casting     Material screw connection   Zinc die-casting     Mechanical data   Mounting data   inserted, screwed, Shaking protection     Environmental characteristics   Climatic		
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   Installation   Cable     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   331     Cable identification   331     Jacket Color   gray     Amount stranding   1     Stranding   4 wires twisted     Banding   Fleece, Foil		· · · · · · · · · · · · · · · · · · ·
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Climatic     Coperating 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)     Installation   Cable       Cable identification     331     31     Jacket Color     gray       Amount stranding     1     Stranding     4 wires twisted     Banding     Fleece, Foil		
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)Installation   CableCable identification331Jacket ColorgrayAmount stranding1Stranding4 wires twistedBandingFleece, Foil		Zinc die-casting
Environmental characteristics   ClimaticOperating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityProduct standardDIN EN 61076-2-101 (M12)Installation   Cable331Cable identification331Jacket ColorgrayAmount stranding1Stranding4 wires twistedBandingFleece, Foil	Mechanical data   Mounting data	
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityConformityINN EN 61076-2-101 (M12)Product standardDIN EN 61076-2-101 (M12)Installation   Cable331Cable identification331Jacket ColorgrayAmount stranding1Stranding4 wires twistedBandingFleece, Foil	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Conformity   Installation     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable   Cable identification     Cable identification   331     Jacket Color   gray     Amount stranding   1     Stranding   4 wires twisted     Banding   Fleece, Foil	Environmental characteristics   Climatic	
Additional condition temperature range   depending on cable quality     Conformity   DIN EN 61076-2-101 (M12)     Installation   Cable   DIN EN 61076-2-101 (M12)     Cable identification   331     Jacket Color   gray     Amount stranding   1     Stranding   4 wires twisted     Banding   Fleece, Foil	Operating temperature min.	-25 °C
Conformity     Product standard   DIN EN 61076-2-101 (M12)     Installation   Cable     Cable identification   331     Jacket Color   gray     Amount stranding   1     Stranding   4 wires twisted     Banding   Fleece, Foil	Operating temperature max.	85 °C
Product standardDIN EN 61076-2-101 (M12)Installation   CableCable identification331Jacket ColorgrayAmount stranding1Stranding4 wires twistedBandingFleece, Foil	Additional condition temperature range	depending on cable quality
Installation   Cable     Cable identification   331     Jacket Color   gray     Amount stranding   1     Stranding   4 wires twisted     Banding   Fleece, Foil	Conformity	
Cable identification331Jacket ColorgrayAmount stranding1Stranding4 wires twistedBandingFleece, Foil	Product standard	DIN EN 61076-2-101 (M12)
Jacket ColorgrayAmount stranding1Stranding4 wires twistedBandingFleece, Foil	Installation   Cable	
Amount stranding 1   Stranding 4 wires twisted   Banding Fleece, Foil	Cable identification	331
Stranding 4 wires twisted   Banding Fleece, Foil	Jacket Color	gray
Banding Fleece, Foil	Amount stranding	1
	Stranding	4 wires twisted
wire arrangement brown black blue white	Banding	Fleece, Foil
mo anargonion. Diown, blaok, blaok, white	wire arrangement	brown, black, blue, white

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: 2024-04-19

Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk



No. of bending cycles (C-track)	0,1 Mio. @ 25 °C
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	85 ± 5 Shore A
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	350 V
AC withstand voltage power (wire - shield)	1,5 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
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 (installation)	x Outer diameter
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

Bending radius (dynamic)

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