

## EXACT8, 10XM8, 3POLE, MOULDED CABLE

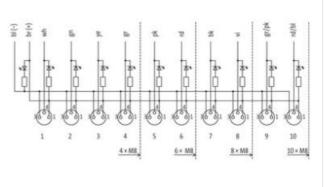
10.0m PUR 10x0,34+2x0,75

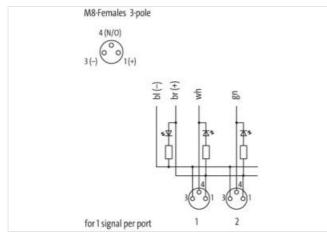
10-way, 3-pole for NPN signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

Illustration







20.5 complete 35 155

Product may differ from Image



Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	

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: 2024-05-05

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com



ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879056915
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Current operating per contact max.	2 A
Total current max.	8 A
Industrial communication	
	4
Number of signals per port	1
Installation   Connection	
Mounting set	M8 x 1
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Device protection   Media	
Flame resistance	flame retardant
Mechanical data   Material data	
Material housing	Plastic
-	
Mechanical data   Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Installation   Cable	
Cable identification	384
Jacket Color	gray
Type of Certificate	cURus
Type of Certificate Amount stranding	cURus 1
Amount stranding Stranding Amount stranding (type 2)	1
Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	1 3 wires twisted
Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding	1         3 wires twisted         1         9 wires around Stranding combination twisted         Fleece
Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding wire arrangement	1         3 wires twisted         1         9 wires around Stranding combination twisted         Fleece         red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)
Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Banding         wire arrangement         Cable weigth	1         3 wires twisted         1         9 wires around Stranding combination twisted         Fleece         red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)         121 g/m
Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Banding         wire arrangement         Cable weigth         Material jacket	1         3 wires twisted         1         9 wires around Stranding combination twisted         Fleece         red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)         121 g/m         PUR
Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Banding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket	1         3 wires twisted         1         9 wires around Stranding combination twisted         Fleece         red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)         121 g/m         PUR         89 ± 5 Shore A
Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Banding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)	1         3 wires twisted         1         9 wires around Stranding combination twisted         Fleece         red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)         121 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Banding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)	1         3 wires twisted         1         9 wires around Stranding combination twisted         Fleece         red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)         121 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,3 mm
Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Banding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)	1         3 wires twisted         1         9 wires around Stranding combination twisted         Fleece         red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)         121 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,3 mm         ± 5 %
Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Banding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation	1         3 wires twisted         1         9 wires around Stranding combination twisted         Fleece         red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)         121 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,3 mm         ± 5 %         TPE-E
Amount stranding         Stranding         Amount stranding (type 2)         Stranding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires	1         3 wires twisted         1         9 wires around Stranding combination twisted         Fleece         red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)         121 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,3 mm         ± 5 %         TPE-E         10
Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Banding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter insulation	1         3 wires twisted         1         9 wires around Stranding combination twisted         Fleece         red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)         121 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,3 mm         ± 5 %         TPE-E         10         1,4 mm
Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Banding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter tolerance core insulation	1         3 wires twisted         1         9 wires around Stranding combination twisted         Fleece         red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)         121 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,3 mm         ± 5 %         TPE-E         10         1,4 mm         ± 5 %
Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Banding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter tolerance core insulation         Shore hardness wire insulation	1         3 wires twisted         1         9 wires around Stranding combination twisted         Fleece         red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)         121 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,3 mm         ± 5 %         TPE-E         10         1,4 mm         ± 5 %         55 ± 5 Shore D
Amount stranding         Stranding         Amount stranding (type 2)         Stranding (type 2)         Banding         wire arrangement         Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Outer diameter tolerance core insulation	1         3 wires twisted         1         9 wires around Stranding combination twisted         Fleece         red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)         121 g/m         PUR         89 ± 5 Shore A         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free         9,3 mm         ± 5 %         TPE-E         10         1,4 mm         ± 5 %

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: 2024-05-05

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com



Conductor varia         0,34 mm <sup>4</sup> Material conductor vie         Shranded copper wire, bare           Concluctor type (wire)         Strand Loss 5           Traversing distance (C-track)         5 m @ 25 °C   Introcontal           Material vire insulation (Data)         1.8 mm           Toterance outer diameter wire insulation (Data)         5 % 5           Doter diameter wire insulation (Data)         5 % 5           Tores not researce wire insulation (Data)         5 % 5           North straft wire insulation (Data)         6 acd-tree, cadmium-free, CPC-free, halogun-free           Amount straft wire insulation (Data)         6 acd-tree, cadmium-free, CPC-free, halogun-free           Amount straft wire insulation (Data)         0 acd-tree, cadmium-free, CPC-free, halogun-free           Amount straft wire (Data)         0 acd-tree, cadmium-free, CPC-free, halogun-free           Amount straft wire (Data)         0 acd-tree, cadmium-free, CPC-free, halogun-free           Amount straft wire (Data)         0 Z mm           Construct for stepsel (wire (Data)         0 Z mm           Material conductor wire (Data)         0 Z mm           Controct for stepsel (conductor - conducto)         300 V           Current Lod capacity min. wire         4 A           Current Lod capacity min. wire         4 A           Current Lod capacity	Diameter of single wires	0.15 mm
Material conductor wire         Stranded copper wire, bare           Conductor ype (wire)         Strand class 5           Travering distance (Crank)         TPE-E           Outer diameter wire insulaton (Data)         1.8 mm           Tearna outer diameter wire insulaton (Data)         55 % Store D           Tearna outer diameter wire insulaton (Data)         55 % Store D           Tearna outer diameter wire insulaton (Data)         55 % Store D           Tearna outer diameter wire insulaton (Data)         2           Amount strands wire (Data)         2           Amount strands wire (Data)         2           Amount strands wire (Data)         0.7 mm           Conductor reconsection wire (Data)         0.7 mm           Conductor reconsection wire (Data)         35 randed copper wire, bare           Wire conductor type (Data)         Stranded class 5           Max. rated voltage (conductor-conductor)         300 V           Current load capacity (standard)         ID DN VDE 0288 4           Current load capacity (standard)         ID DN VDE 0288 4           Current load capacity (standard)         2A W@ 0.9 °C           Electrical resistance locating wire (Data)         25 Wire @ 0.9 °C           Rest data passerty (standard)         2A W@ 0.9 °C           Amoutt strands wire (Data)         2	-	·
Conductor type (wire)         Strand class 5           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Matcrial wire insulation (Data)         TPE-E           Outer dimeter wire insulation (Data)         55 ± 5 Shore D           Torsenses wire insulation (Data)         55 ± 5 Shore D           Ingredient freeness wire insulation (Data)         55 ± 5 Shore D           Ingredient freeness wire insulation (Data)         24           Amount wire (Data)         24           Dameter of single wires (Data)         0.75 mm <sup>2</sup> Concluct or consection         0.75 mm <sup>2</sup> Material conductor - consection         300 V           Max. rated voltage (conductor - conductor)		
Taversing datace (C-track)         S m @ 25 °C   horizontal           Material wre insulaton (Data)         TPE-E           Outer diameter wre insulation (Data)         1.8 mm           Tolerace outer diameter wre insulation (Data)         5 % Shore D           Ingredient (Teness wrie insulation (Data)         5 % Shore D           Ingredient (Teness wrie insulation (Data)         24           Dameter of single wries (Data)         0.2 mm           Conductor crossection wrie (Data)         0.75 mm <sup>2</sup> Material conductor wries (Data)         0.75 mm <sup>2</sup> Material conductor wries (Data)         0.75 mm <sup>2</sup> Material conductor wries (Data)         0.75 mm <sup>2</sup> Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity (strandard)         10 IN IVDE 0288-4           Current load capacity (strandard)         12 A           Electrical resistance line constant wrie         57 0.%m @ 20 °C           Electrical resistance line constant wrie         57 0.%m @ 20 °C           Ac withstand voltage (wrie - wrie)         2 kV @ 60 s           Mix. ratev voltage (wrie - wrie)         2 kV @ 60 s           Mix. spervaling temperature (wrie)         5 °C           Correction costant wrie		
Interval wire insulation (Data)         TPE-E           Outer diameter wire insulation (Data)         1.8 mm           Toterance outer diameter wire insulation (Data)         55 : 5 Shore D           Ingredient freeness wire insulation (Data)         55 : 5 Shore D           Ingredient freeness wire insulation (Data)         2 Shore hardness wire insulation (Data)           Amount vires (Data)         2 and Amount vires (Data)           Amount vires (Data)         0.2 mm           Conductor crossection wire (Data)         5 st of sm <sup>2</sup> Meter conductor viers (Data)         Stranded cooper vire, bare           Wire conductor viers (Data)         Stranded cooper vire, bare           Wire conductor viers (Data)         Strand dess 5           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - conductor)         300 V           Current load capacity min. wire         4 A           Current load capacity min. wire         4 A           Current load capacity min. wire         4 A           Current load capacity min. wire         2 KV @ 60 s           Power frequency withstand voltage (wire)         2 kV @ 60 s           Min. operating temperature max. (Aynamic)         80 °C           Op		
Outer diameter wire insulation (Data)         1.8 mm           Telerance outer diameter wire insulation (Data)         5.5 5.5 Nor D           Ingredent freeness wire insulation (Data)         5.5 5.5 Nor D           Amount strade wire insulation (Data)         4.2 5.5 Nor D           Amount strade wire (Data)         2.4           Dameter of single wires (Data)         0.2 mm           Conductor response         0.75 mm <sup>2</sup> Material conductor wire (Data)         5.76 mm <sup>2</sup> Material conductor wire (Data)         Stranded copper wire, bare           Wire conductor type (Data)         Strand class 5           Max. rated voltage (conductor - conduct)         300 V           Current load capacity (fis.ndferd)         tb DIN VDE 0294-4           Current load capacity min. wire         4.A           Current load capacity min. wire         4.A           Current load capacity min. wire         5.0 km @ 20 °C           Power frequery withstand voltage (wire - ground)         2.0 V °C           AC withstand voltage (wire - wire)         2.kV @ 60 s           Min. operating temperature (kee)         40 °C           Power frequery withstand voltage (wire - ground)         60 °C           Gourant load capacity min. wire         60 °C           Operating temperature (max. (dynamic) <t< td=""><td></td><td></td></t<>		
Tolerance outer diameter wire insulation (data)         ± 5 %           Shore hardness wire insulation (data)         ± 5 % Shore D           Ingredient Teneoss wire insulation (Data)         2           Amount wires (Data)         2           Amount wires (Data)         0.2 mm           Conductor crossection wire (Data)         0.2 mm           Conductor wire (Data)         0.75 mm²           Material conductor wire (Data)         Strandod copper wire, bare           Wire conductor type (Data)         Strandod copper wire, bare           Max: rated voltage (conductor - conductor)         300 V           Max: rated voltage (conductor - conductor)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to ALN © @ O            Current load capacity (stan		
Shore hardness wire insulation (Data)         56 ± \$ Shore D           Ingredient feeness wire insulation (Data)         lead tree, cadmum free, CFC-free, halogen-free           Amount wise (Data)         2           Amount wise (Data)         24           Diameter of single wires (Data)         0,7 mm <sup>2</sup> Conductor trospection wire (Data)         0,7 mm <sup>2</sup> Material conductor wire (Data)         Stranded copper wire, bare           Wire conductor type (Data)         300 V           Current load capacity (strander)         to DIN VDE 0298-4           Current load capacity min. Wire (Data)         12 A           Electrical resistance coating wire wire)         2 KV @ 60 s           Power frequency withstand voltage (wire - wire)         2 KV @ 60 s           Power frequency withstand voltage (wire - wire)         2 KV @ 60 s           Operating temperature (static)         -40 °C           Max. operating temperature (static)         -5 °C           Operating temperature (static)         -5 °C           Operating temperature (static)         -5 °C           Operating tempera	. ,	
Ingredient freeness wire insultation (Data)         lead-free, cadmium-free, CFC-free, halogen-free           Amount wires (Data)         2           Amount wires (Data)         24           Diameter of single wires (Data)         0,2 mm           Conductor crossection wire (Data)         0,75 mm <sup>2</sup> Material conductor view (Data)         Strand class 5           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - conductor)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. Wrie (Data)         12 A           Electrical resistance constant wire         57 Dkm @ 20 °C           Electrical resistance constant wire         57 Dkm @ 20 °C           Activation dovaling (wire - vire)         2 k V @ 60 s           Power frequency withstand voltage (wire - vire)         2 k V @ 60 s           Max. que voltaging (wire - vire)         2 k V @ 60 s           Operating temperature (static)         40 °C           Max. que voltaging (wire - vire)         2 k V @ 60 s           Operating temperature (static)         40 °C           Max. que voltaging (wire)         2 k V @ 60 s           Operating temperature (static)         40 °C           Max. que voltaging (wire)         2 k V @		
Amount wires (Data)     2       Amount strands wire (Data)     24       Diameter of signed wires (Data)     0.2 mm       Conductor crosssection wire (Data)     0.75 mm²       Material conductor wire (Data)     Stranded copper wire, bare       Wire conductor vige (Cata)     Stranded copper wire, bare       Max. rated voltage (conductor- ground)     300 V       Max. rated voltage (conductor- ground)     300 V       Current load capacity min. wire     4 A       Current load capacity min. Wire (Data)     12 A       Electrical resistance coating wire (Data)     26 Ωkm @ 20 °C       Electrical resistance coating wire (Data)     26 Ωkm @ 20 °C       Electrical resistance coating wire (Data)     28 Ωkm @ 20 °C       Max. operating temperature (static)     40 °C       Mix. operating temperature (static)     40 °C       Operating temperature min. (dynamic)     5 °C       Oli resistance     Good, application-related testing    <		
Amount strands wire (Data)     24       Diameter of single wires (Data)     0.2 mm       Conductor crosssection wire (Data)     9.75 mm²       Material conductor wire (Data)     Strande copper wire, bare       Wire conductor vire (Data)     Strand class 5       Max, rated voltage (conductor - conductor)     300 V       Current load capacity (strandard)     to DN VDE 0298-4       Current load capacity min, wire     4 A       Current load capacity min, wire (Data)     12 A       Electrical resistance constant wire     57 Ω km @ 20 °C       Electrical resistance constant wire     57 Ω km @ 20 °C       Consent load capacity min, wire     2 kV @ 60 s       Power frequency withstand voltage (wire - wire)     2 kV @ 60 s       Power frequency withstand voltage (wire - wire)     2 kV @ 60 s       Power frequency withstand voltage (wire - wire)     2 kV @ 60 s       Querating temperature (tstatic)     40 °C       Max - operating temperature (tstatic)     40 °C       Max - operating temperature (tstatic)     40 °C       Fiame resistance     Elect 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2       Chemical resistance     Good, application-related testing       Gasoline resistance     Good, application-related testing       Oil resistance     Di X Outer diameter       Bending radius (installation)     x Outer diameter		
Diameter of single wires (Data)         0,2 mm           Conductor crosssection wire (Data)         0,75 mm²           Matrial conductor wire (Data)         Strand class 5           Mire conductor type (Data)         Strand class 5           Max. rated voltage (conductor - conducto)         300 V           Max. rated voltage (conductor - conducto)         300 V           Current load capacity (standerd)         to DIN VDE 0289-4           Current load capacity min. wire         4.A           Current load capacity min. wire         4.A           Current load capacity min. wire         5.7 0.Km @ 20 °C           Electrical resistance line constant wire         5.7 0.Km @ 20 °C           Electrical resistance line constant wire         7.5 0.Km @ 20 °C           Ac withstand voltage (wire - wire)         2.kV @ 60 s           Power frequency withstand voltage (wire - wire)         2.kV @ 60 s           Power frequency withstand voltage (wire - 2 kV @ 60 s         C           Diackot)         40 °C           Max. operating temperature (statc)         40 °C           Max. operating temperature (statc)         40 °C           Gasoline resistance         Good, application-related testing           Gil resistance         Good, application-related testing           Gil resistance         DIN EN 6081140		
Conductor crosssection wire (Data)       0.75 mm²         Material conductor wire (Data)       Stranded copper wire, bare         Wire conductor type (Data)       Strand class 5         Max. rated voltage (conductor - oround)       300 V         Current load capacity (standard)       to DIN VDE 0298.4         Current load capacity (standard)       12 A         Electrical resistance line constant wire       4 A         Current load capacity min. Wire (Data)       12 A         Electrical resistance ocating wire (Data)       26 D/km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - wire)       2 kV @ 60 s         Deparating temperature (static)       -40 °C         Max. operating temperature (static)       -40 °C         Max. operating temperature (static)       -60 °C         Operating temperature (static)       80 °C     <	. ,	
Material conductor wire (Data)         Strand class 5           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - conductor)         300 V           Current load capacity (standard)         to DIN VDE 0298.4           Current load capacity min. wire         4 A           Current load capacity min. wire         4 A           Current load capacity min. wire         57 Qkm @ 20 °C           Electrical resistance line constant wire         57 Qkm @ 20 °C           Electrical resistance costing wire (Data)         26 Qkm @ 20 °C           Ac withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - i jacket)         -40 °C           Max. operating temperature (stalic)         -40 °C           Max. operating temperature (stalic)         -40 °C           Max. operating temperature (stalic)         -5 °C           Operating temperature max. (dynamic)         5 °C           Operating temperature max. (dynamic)         80 °C           Gasoline resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Gasoline resistance         Dolt Volter diameter           Bending radius (installation)         x Outer diameter           Bending radius (insta		·
Wire conductor type (Data)         Strand class 5           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - orgound)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. Wire (Data)         12 A           Electrical resistance coating wire (Data)         26 Ø/km @ 20 °C           Electrical resistance locounts wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - apoct frequency withstand voltage (wire)         2 kV @ 60 s           Min. operating temperature (steid)         80 °C           Operating temperature (steid)         80 °C           Correntid temperature max. (dynamic)         80 °C           Flame resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Gasoline resistance         DIN EN 60811-404 [Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (dynamic)		·
Max. rated voltage (conductor - conductor)     300 V       Current load capacity (standard)     to DIN VDE 0288-4       Current load capacity (standard)     12 A       Electrical resistance line constant wire     57 0.Km @ 20 °C       Electrical resistance coating wire (Data)     26 0.km @ 20 °C       AC withstand voltage (wire · wire)     2 KV @ 60 s       Power frequency withstand voltage (wire · wire)     2 KV @ 60 s       Max. operating temperature (static)     -40 °C       Max. operating temperature (static)     -40 °C       Max. operating temperature (static)     -5 °C       Operating temperature min. (dynamic)     5 °C       Operating temperature min. (dynamic)     80 °C       Office resistance     Good, application-related testing       Galice resistance     Good, application-related testing       Coll resistance     Div LP 60811-404 [ Good, application-related testing       Bending radius (installation)     x Outer diameter       Bending radius (fixed)     7,5 x Outer diameter       Bending radius (installation)     x Outer diameter       Travel speed (C-track)     5 Nio. @ 25 °C       Connector type 2     E       Family construction form     free cable end       No. of poles     12       Family construction form     M8       Gender     female       Color		
Max. rated voltage (conductor - ground)     300 V       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity min. wire     4 A       Current load capacity min. wire     4 A       Electrical resistance line constant wire     57 Ωkm @ 20 °C       Electrical resistance coating wire (Data)     26 Ωkm @ 20 °C       AC withstand voltage (wire - wire)     2 kV @ 60 s       Power frequency withstand voltage (wire - iacket)     40 °C       Max. operating temperature (static)     40 °C       Qperating temperature (static)     40 °C       Operating temperature (static)     40 °C       Operating temperature (static)     60 °C       Operating temperature (static)     80 °C       Oli resistance     Good, application-related testing       Oil resistance     DIN EN 60811-404   Good		
Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Current load capacity min. Wire (Data)         12 A           Electrical resistance ine constant wire         57 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         26 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - iacket)         -40 °C           Min. operating temperature (statc)         -40 °C           Operating temperature (statc)         -40 °C           Operating temperature (stred)         80 °C           Operating temperature (stred)         80 °C           Operating temperature (stred)         80 °C           Cassoline resistance         IEC 60322-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         DIN EN 60811-404   Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (installation)         x Outer diameter           Bending radius (installation)         10 x Outer diameter           Travel speed (C-track)         5 Mio. @ 25 °C		
Current load capacity min. wire     4 A       Current load capacity min. Wire (Data)     12 A       Electrical resistance ine constant wire     57 Ω/km @ 20 °C       AC withstand voltage (wire - wire)     2 kV @ 60 s       Power frequency withstand voltage (wire - jacket)     2 kV @ 60 s       Power frequency withstand voltage (wire - jacket)     2 kV @ 60 s       Min. operating temperature (static)     -40 °C       Max. operating temperature (static)     -40 °C       Max. operating temperature (static)     -5 °C       Operating temperature max. (dynamic)     -5 °C       Operating temperature max. (dynamic)     80 °C       Flame resistance     IEC 60332-2:2   UL 1581 § 1090   UL 1581 § 1100 FT2       chemical resistance     Good, application-related testing       Gasoline resistance     Good, application-related testing       Gasoline resistance     DIN EN 60811-404   Good, application-related testing       Bending radius (installation)     x Outer diameter       Bending radius (installation)     x Outer diameter       Bending radius (knamic)     10 x Outer diameter       Parwily construction form     free cable end       No. of poles     12       Family construction form     free cable end       No. of poles     12       Family construction form     MB       Gender     temale   <		
Current load capacity min. Wire (Data)       12 A         Electrical resistance line constant wire       57 Q/km @ 20 °C         Electrical resistance coating wire (Data)       2 60 /km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - ine)       2 kV @ 60 s         Power frequency withstand voltage (wire - ine)       2 kV @ 60 s         Min. operating temperature (static)       -40 °C         Max. operating temperature (static)       -40 °C         Max. operating temperature max. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         Flame resistance       IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Gasoline resistance       DiN EN 60811-404   Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (installation)       x Outer diameter         Bending radius (installation)       x Outer diameter         Travel speed (C-track)       5 Mio. @ 25 °C         Connection type 2       Family construction form         Family construction form       free cable end         No. of poles		
Electrical resistance line constant wire $57 \Omega km @ 20 °C$ Electrical resistance coating wire (Data) $26 \Omega / km @ 20 °C$ AC withstand voltage (wire - wire) $2 kV @ 60 s$ Power frequency withstand voltage (wire - lacket) $2 kV @ 60 s$ Min. operating temperature (static)-40 °CMax. operating temperature (static)-40 °COperating temperature (static)-5 °COperating temperature (max. (dynamic)80 °COperating temperature max. (dynamic)80 °CFlame resistanceGod, application-related testingGasoline resistanceGod, application-related testingGasoline resistanceGod, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (fixed)7,5 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °C <b>Concetion type 2E</b> Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-		
Electrical resistance coating wire (Data)       26 Ω/km @ 20 °C         AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - jacket)       2 kV @ 60 s         Max. operating temperature (static)       -40 °C         Max. operating temperature (static)       -40 °C         Max. operating temperature (fixed)       80 °C         Operating temperature max. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         Flame resistance       IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (installation)       x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         Bending radius (fixed)       7.5 x Outer diameter         Bending radius (fixed)       5 Mio. @ 25 °C         Connection type 2       Family construction form         Family construction form       free cable end         No. of poles       12         Family construction form       M8         Gender		
AC withstand voltage (wire - wire)       2 kV @ 60 s         Power frequency withstand voltage (wire - jacket)       2 kV @ 60 s         Min. operating temperature (static)       -40 °C         Max. operating temperature (static)       -40 °C         Max. operating temperature (ixed)       80 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         Flame resistance       IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (installation)       x Outer diameter         Bending radius (glynamic)       10 x Outer diameter         Travel speed (C-track)       5 Mio. @ 25 °C         Connection type 2       -         Family construction form       free cable end         No. of poles       12         Family construction form       M8         Gender       female         Color       3         PiN 1       <		-
Power frequency withstand voltage (wire - jacket)       2 kV @ 60 s         Min. operating temperature (static)       -40 °C         Max. operating temperature (fixed)       80 °C         Operating temperature (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         Flame resistance       IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (fixed)       7,5 x Outer diameter         Bending radius (fixed)       10 x Outer diameter         Travel speed (C-track)       5 Mio. @ 25 °C         Connection type 2       Family construction form         Family construction form       free cable end         No. of poles       12         Family construction form       M8         Gender       female         Color contact carrier       black         Coding       A         No. of poles       3         PIN 1       +		
jacket)Z kV (@ 00 sMin. operating temperature (static)-40 °CMax. operating temperature (ixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CFlame resistanceIEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)7,5 x Outer diameterBending radius (gynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-		2 KV @ 60 S
Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         Flame resistance       IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (fixed)       7,5 x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         Family construction form       free cable end         No. of poles       12         Family construction form       M8         Gender       female         Color contact carrier       black         Coding       A         No. of poles       3         PIN 1       +         PIN 3       -		2 kV @ 60 s
Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       80 °C         Flame resistance       IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         Bravel speed (C-track)       5 Mio. @ 25 °C         Connection type 2	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic)       80 °C         Flame resistance       IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         Family construction form       free cable end         No. of poles       12         Family construction form       M8         Gender       femal	Max. operating temperature (fixed)	80 °C
Flame resistance       IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       DIN EN 60811-404   Good, application-related testing         Bending radius (installation)       x Outer diameter         Bending radius (fixed)       7,5 x Outer diameter         Bending radius (dynamic)       10 x Outer diameter         Family construction form       free cable end         No. of poles       12         Family co	Operating temperature min. (dynamic)	-5 °C
chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Operating temperature max. (dynamic)	80 °C
Gasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
Oil resistanceDIN EN 60811-404   Good, application-related testingBending radius (installation)x Outer diameterBending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	chemical resistance	Good, application-related testing
Bending radius (installation)x Outer diameterBending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Gasoline resistance	Good, application-related testing
Bending radius (fixed)7,5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Bending radius (installation)	x Outer diameter
Travel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Bending radius (fixed)	7,5 x Outer diameter
Connection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Bending radius (dynamic)	10 x Outer diameter
Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Travel speed (C-track)	5 Mio. @ 25 °C
No. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Connection type 2	
Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Family construction form	free cable end
GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	No. of poles	12
Color contact carrier     black       Coding     A       No. of poles     3       PIN 1     +       PIN 3     -	Family construction form	M8
CodingANo. of poles3PIN 1+PIN 3-	Gender	female
No. of poles         3           PIN 1         +           PIN 3         -	Color contact carrier	black
No. of poles         3           PIN 1         +           PIN 3         -	Coding	A
PIN 1         +           PIN 3         -	-	3
PIN 3 -		
	PIN 4	S

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: 2024-05-05

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com