

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

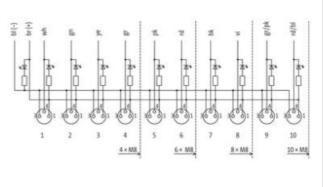
5.0m PUR 10x0,34+2x0,75

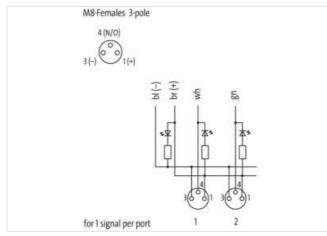
10-way, 3-pole for NPN signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## 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: 2024-05-06

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	07440100
ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1 ECLASS-12.0	27440108
ETIM-5.0	27440108
customs tariff number	EC002585 85444290
GTIN	4048879056922
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	
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	
· · · · ·	Orland harminda
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
Amount stranding	1
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination twisted
Banding	Fleece
wire arrangement	red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)
Cable weigth	121 g/m
Material jacket	PUR
Shore hardness jacket	89 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Outer-diameter (jacket)	
	9,3 mm
Tolerance outer diameter (sheath)	9,3 mm ± 5 %
Tolerance outer diameter (sheath) Material wire insulation	9,3 mm ± 5 % TPE-E
Tolerance outer diameter (sheath) Material wire insulation Amount wires	9,3 mm ± 5 % TPE-E 10
Tolerance outer diameter (sheath)     Material wire insulation     Amount wires     Outer diameter insulation	9,3 mm ± 5 % TPE-E 10 1,4 mm
Tolerance outer diameter (sheath)     Material wire insulation     Amount wires     Outer diameter insulation     Outer diameter tolerance core insulation	9,3 mm ± 5 % TPE-E 10 1,4 mm ± 5 %
Tolerance outer diameter (sheath)     Material wire insulation     Amount wires     Outer diameter insulation     Outer diameter tolerance core insulation     Shore hardness wire insulation	9,3 mm ± 5 % TPE-E 10 1,4 mm ± 5 % 55 ± 5 Shore D
Tolerance outer diameter (sheath)     Material wire insulation     Amount wires     Outer diameter insulation     Outer diameter tolerance core insulation	9,3 mm ± 5 % TPE-E 10 1,4 mm ± 5 %

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Conductor crosssection (wire)     0,34 mm²       Traversing distance (C-track)     5 m @ 25 °C   horizontal       Material conductor wire     Strand class 5       Conductor type (wire)     Strand class 5       Material and under twire insulation (Data)     TPE-E       Cuber diameter wire insulation (Data)     1.8 mm       Tolerance outer diameter wire insulation (Data)     55 ± 5 Shore D       Tingredent freeness wire insulation (Data)     2       Amount wires (Data)     2       Amount strands wire (Data)     2       Amount strands wire (Data)     0.2 mm       Conductor crossection wire (Data)     0.75 mm²       Material conductor wire (Data)     Strandel copper wire, bare       Wire conductor wire (Data)     Strandel copper wire, bare       Wire conductor wire (Data)     Strandel cossection wire, bare       Current load capacity min. wire     4 A       Current load capacity min. wire     4 A       Current load capacity min. Wire (Data)     12 A       Elec	Diameter of single wires	0,15 mm
Traversing distance (C-track)   5 m @ 25 °C   horizontal     Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   Stranded copper wire, bare     Conductor type (wire)   Stranded copper wire, bare     Conductor type (wire)   Stranded copper wire, bare     Material wire insulation (Data)   TPE-E     Outer diameter wire insulation (data)   ± 5 %     Shore hardness wire insulation (Data)   2     Amount strands wire (Data)   24     Diameter of single wires (Data)   0.2 mm     Conductor rossection wire (Data)   0.75 mm²     Material conductor wire (Data)   0.75 mm²     Material conductor wire (Data)   Stranded copper wire, bare     Wire conductor rype (Data)   Stranded copper wire, bare     Wire conductor rype (Data)   Stranded copper wire, bare     Wire conductor rype (Data)   Stranded copper wire, bare     Current load capacity (standard)   to DIN VDE 0280-4     Current load capacity (standard)   to DIN VDE 0280-4     Current load capacity (standard)   to DIN VDE 0280-4     Current load capacity min. Wire   4.A     Current load capacity min. Wire (Data)   2.A V @ 60 s <t< td=""><td>-</td><td></td></t<>	-	
Material conductor wire     Strand class 5       Conductor type (wire)     Strand class 5       Material wire insulation (Data)     TPE E       Outer diameter wire insulation (Data)     1,8 mm       Tolerance outer diameter wire insulation (Data)     5 %       Shore hardness wire insulation (Data)     5 % 5 Shore D       Ingredient freeness wire insulation (Data)     2 %       Amount strands wire (Data)     0,2 mm       Conductor consesection wire (Data)     0,2 mm       Conductor wire (Data)     Stranded copper wire, bare       Wire conductor wire (Data)     Strande class 5       Max: rated voltage (conductor - conductor)     300 V       Current load capacity min. wire     4 A       Current load capacity (standard)     10 DI VDE 0298-4       Current load capacity min. wire     4 A       Current load capacity min. wire     4 A       Current load capacity min. Wire (Data)     12 A       Electrical resistance coasing wire (Data)     26 Ω		•
Conductor type (wire)   Strand class 5     Material wire insulation (Data)   TPE-E     Outer diameter wire insulation (Data)   1.8 mm     Tolerance outer diameter wire insulation (Data)   55 ± 5 Shore D     Ingredient freeness wire insulation (Data)   55 ± 5 Shore D     Ingredient freeness wire insulation (Data)   2     Amount wires (Data)   2     Amount wires (Data)   0.2 mm     Conductor crossection wire (Data)   0.75 mm²     Material conductor wire (Data)   Strand class 5     Max. rated voltage (conductor - ground)   300 V     Max. rated voltage (conductor - ground)   300 V     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity min. Wire (Data)   2.4     A   Current load capacity (standard)     to DIN VDE 0298-4   Current load capacity (standard)     to DIN VDE 0298-4   Cu	<b>0</b> ( )	
Material wire insulation (Data)     TPE-E       Outer diameter wire insulation (Data)     1.8 mm       Tolerance outer diameter wire insulation (Data)     1.8 mm       Tolerance outer diameter wire insulation (Data)     1.8 mm       Ingredient freeness wire insulation (Data)     1.8 descent of the set of the		
Outer diameter wire insulation (Data) 1.8 mm   Tolerance outer diameter wire insulation (data) ± 5 %   Shore hardness wire insulation (Data) 55 ± 5 Shore D   Ingradient treeness wire insulation (Data) 2   Amount wires (Data) 2   Amount strands wire (Data) 0.2 mm   Conductor crosssection wire (Data) 0.75 mm²   Material conductor vire (Data) 0.75 mm²   Material conductor vire (Data) Stranded copper wire, bare   Wire conductor vire (Data) Stranded copper wire, bare   Wire conductor vire (Data) Strand class 5   Max. rated voltage (conductor - conductor) 300 V   Current load capacity (standard) to DIN VDE 0298-4   Current load capacity (standard) to DIN VDE 0298-4   Current load capacity min. wire 4 A   Current load capacity min. wire 5 Ω Δ Mm @ 20 °C   Electrical resistance (cotal) 2 & KV @ 60 s   Power frequency withstand voltage (wire jacket) 2 kV @ 60 s   Min. operating temperature (fixed) 80 °C   Operating temperature (static) -40 °C   Max. operating temperature (fixed) 80 °C   Operating temperature (fixed) 80 °C   Operating temperature (fixed) 80 °C   Fiame resistance Good, application-related testing	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Tolerance outer diameter wire insulation (Data)   ± 5 %     Shore hardness wire insulation (Data)   55 ± 5 Shore D     Ingredient freeness wire insulation (Data)   lead-free, cadmium-free, CFC-free, halogen-free     Amount wires (Data)   2     Amount wires (Data)   0.2 mm     Conductor crossection wire (Data)   0.75 mm <sup>3</sup> Material conductor wire (Data)   Stranded cooper wire, bare     Wire conductor rule (Data)   Stranded cooper wire, bare     Wire conductor rule (Data)   Stranded cooper wire, bare     Ware and 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 (Data)   12 A     Current load capacity min. Wire (Data)   12 A     Electrical resistance conting wire (Data)   26 Ωkm @ 20 °C     Electrical resistance conting wire (Data)   2 kV @ 60 s     Min. operating temperature (kire)   -40 °C     Max. operating temperature (kired)   80 °C     Operating temperature (kired)   80 °C     Corrent load capacity (instand voltage (wire) - 5 °C   5 °C     Operating temperature (kired)   80 °C		
Shore hardness wire insulation (Data)   55 ± 5 Shore D     Ingredient freeness wire insulation (Data)   lead-free, cadmium-free, CFC-free, halogen-free     Amount strands wire (Data)   2     Amount strands wire (Data)   24     Diameter of single wires (Data)   0,2 mm     Conductor crosssection wire (Data)   0,75 mm <sup>2</sup> Material conductor vire (Data)   Strand dass 5     Wire conductor type (Data)   Strand dass 5     War, rated voltage (conductor - conductor)   300 V     Max. rated voltage (conductor - oround)   300 V     Current load capacity (standard)   to IN VDE 028e-4     Current load capacity min. Wire   4 A     Current load capacity min. Wire (Data)   12 A     Electrical resistance line constant wire   57 Ω/km @ 20 °C     Ac withstand voltage (wire - wire)   2 kV @ 60 s     Power frequency withstand voltage (wire - iacket)   2 kV @ 60 s     Min. operating temperature (static)   40 °C     Max. operating temperature (static)   80 °C     Operating temperature (st		·
Ingredient freeness wire insulation (Data)   lead-free, cadmium-free, CFC-free, halogen-free     Amount wires (Data)   2     Amount strands wire (Data)   0,2 mm     Conductor crosssection wire (Data)   0,75 mm²     Material conductor wire (Data)   0,75 mm²     Material conductor wire (Data)   Stranded copper wire, bare     Wire conductor type (Data)   Stranded copper wire, bare     Wax. rated voltage (conductor - conductor)   300 V     Max. rated voltage (conductor - ground)   300 V     Current load capacity min. wire   4 A     Current load capacity min. wire   4 A     Current load capacity min. wire   57 Ω/km @ 20 °C     Electrical resistance line constant wire   57 Ω/km @ 20 °C     Electrical resistance coating wire (Data)   2 kV @ 60 s     Max. operating temperature (static)   -40 °C     Max. operating temperature (static)   -40 °C     Max. operating temperature (static)   -40 °C     Max. operating temperature (static)   -50 °C     Operating temperature (static)   -40 °C     Max. operating temperature (static)   -40 °C     Max. operating temperature (static)   -50 °C     Operating temperatur		
Amount wires (Data)   2     Amount strands wire (Data)   0.2 mm     Conductor crossection wire (Data)   0.75 mm <sup>2</sup> Matrial conductor wire (Data)   0.75 mm <sup>2</sup> Material conductor vire (Data)   Stranded copper wire, bare     Wire conductor type (Data)   Strand class 5     Max. rated voltage (conductor - conductor)   300 V     Current toad capacity (standard)   to DIN VDE 0298-4     Current toad capacity (standard)   to DIN VDE 0298-4     Current toad capacity min. wire   4 A     Current toad capacity min. wire (Data)   12 A     Electrical resistance coating wire (Data)   26 Ω/km @ 20 °C     AC withstand voltage (wire - ire)   2 kV @ 60 s     Power frequency withstand voltage (wire - isc)   2 kV @ 60 s     Min. operating temperature (statc)   -40 °C     Max. operating temperature (statc)   -40 °C     Flame resistance   IEC 60382-22-1 UL 1581 § 1090   UL 1581 § 1100 FT2     Chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Gasoline resistance   DINE NB 0811-404   Good, application-related test	. ,	
Amount strands wire (Data)   24     Diameter of single wires (Data)   0,2 mm     Conductor crosssection wire (Data)   0,75 mm²     Material conductor wire (Data)   Strande copper wire, bare     Wire conductor type (Data)   Strand class 5     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   57 Ω/km @ 20 °C     Electrical resistance line constant wire   57 Ω/km @ 20 °C     Electrical resistance outing wire (Data)   2 kV @ 60 s     Power frequency withstand voltage (wire - size)   2 kV @ 60 s     Power frequency withstand voltage (wire - size)   2 kV @ 60 s     Operating temperature (static)   -40 °C     Max. operating temperature (static)   -40 °C     Max. operating temperature (static)   -5 °C     Operating temperature (static)   80 °C     Flame resistance   IEC 60332-2-2 I UL 1581 § 1090   UL 1581 § 1100 FT2     Chemical resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Gasoline resistance   DIN EN 60311-404   Good, application-	•	
Diameter of single wires (Data)   0,2 mm     Conductor crosssection wire (Data)   0,75 mm²     Material conductor wire (Data)   Stranded copper wire, bare     Wire conductor type (Data)   Stranded copper wire, bare     Wire conductor type (Data)   Strand class 5     Max. rated voltage (conductor - conductor)   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 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 - iscale)   2 kV @ 60 s     Min. operating temperature (istatic)   -40 °C     Max. operating temperature (istatic)   -40 °C     Max. operating temperature min. (dynamic)   -5° °C     Operating temperature min. (dynamic)   -5° °C     Operating temperature min. (dynamic)   80 °C     Flame resistance   Good, application-related testing     Gasoline resistance   Good, application-related testing     Gasoline resistance   DiN EN 60811-404 [Good, application-		
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 - conductor)   300 V     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity (standard)   12 A     Electrical resistance ine constant wire   57 Ω/km @ 20 °C     Electrical resistance coating wire (Data)   26 Q/km @ 20 °C     AC withstand voltage (wire - wire)   2 kV @ 60 s     Power frequency withstand voltage (wire - ine)   2 kV @ 60 s     Operating temperature (static)   40 °C     Max. operating temperature (static)   40 °C     Operating temperature (static)   40 °C     Max. operating temperature (static)   40 °C     Operating temperature min. (dynamic)   80 °C     Operating temperature min. (dynamic)   80 °C     Operating temperature min. (dynamic)   80 °C     Flame resistance   IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2     chemical resistance   Good, application-related testing     Gasoline resistance   DiN EN 60811-404   Good, application		
Material conductor wire (Data)   Stranded copper wire, bare     Wire conductor type (Data)   Strand class 5     Max. rated voltage (conductor - conductor)   300 V     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 (Data)   12 A     Electrical resistance line 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     Max. operating temperature (static)   -40 °C     Max. operating temperature (static)   -40 °C     Querating temperature (ixed)   80 °C     Operating temperature (ixed)   80 °C     Operating temperature (ixed)   80 °C     Operating temperature (ixed)   80 °C     Galine resistance   IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2     chemical resistance   Good, application-related testing     Gasoline resistance   Cood, application-related testing     Galine resistance   DIN EN 60811-404   Good, application-related testing		
Wire conductor type (Data)   Strand class 5     Max. rated voltage (conductor - conductor)   300 V     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 (Data)   12 A     Electrical resistance line 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 - alacket)   40 °C     Max. operating temperature (static)   -40 °C     Max. operating temperature (static)   -5 °C     Operating temperature min. (dynamic)   -5 °C     Operating temperature max. (dynamic)   80 °C     Operating temperature max. (dynamic)   80 °C     Operating temperature max. (dynamic)   60 °C     Flame resistance   IEC 60332-2-2 I UL 1581 § 1090   UL 1581 § 1100 FT2     chemical resistance   Good, application-related testing     Guir esistance   Dio C Noe 11-404   Good, application-related testing     Oil resistance   Di K No 1404   404   Good, application-related testing     Di resistance		·
Max. rated voltage (conductor - conductor)   300 V     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 (Data)   12 A     Electrical resistance ince 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     Max. operating temperature (static)   -40 °C     Max. operating temperature (static)   -40 °C     Operating temperature min. (dynamic)   -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     Oil resistance   DIN EN 06911-404   Good, application-related testing     Oil resistance   DIN EN 06911-404   Good, application-related testing     Bending radius (installation)   x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     Bending radius (dynamic		
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 (Data)   12 A     Electrical resistance line 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 - acket)   40 °C     Max. operating temperature (static)   -40 °C     Max. operating temperature (fixed)   80 °C     Operating temperature (min. (dynamic)   -5 °C     Operating temperature max. (dynamic)   80 °C     Chemical 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 (itsed)   7,5 × Outer diameter     Bending radius (fixed)   7,5 × Outer diameter     Travel speed (C-track)   5 Mio. @ 25 °C     Connection type 2   5 Mio. @ 25 °C		
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 line 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 - jacket)   -40 °C     Min. operating temperature (static)   -40 °C     Max. operating temperature (fixed)   80 °C     Operating temperature min. (dynamic)   -5 °C     Operating temperature min. (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     Oil resistance   DIN EN 60811-404   Good, application-related testing     Bending radius (installation)   x Outer diameter     Bending radius (installation)   x Outer diameter     Bending radius (fixed)   7.5 x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     Travel speed (C-tr		
Current load capacity min. wire   4 A     Current load capacity min. Wire (Data)   12 A     Electrical resistance line 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 - jacket)   2 kV @ 60 s     Min. operating temperature (static)   -40 °C     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     Oil resistance   DIN EN 60811-404   Good, application-related testing     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   5 Mio. @ 25 °C		
Current load capacity min. Wire (Data)   12 A     Electrical resistance line 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 - jacket)   2 kV @ 60 s     Min. operating temperature (static)   -40 °C     Max. operating temperature (static)   -40 °C     Operating temperature (mixed)   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 (dynamic)   10 x Outer diameter     Travel speed (C-track)   5 Mio. @ 25 °C     Connection type 2   E5 °C		
Electrical resistance line 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 - jacket)   2 kV @ 60 s     Min. operating temperature (static)   -40 °C     Max. operating temperature (fixed)   80 °C     Operating temperature min. (dynamic)   -5 °C     Operating temperature max. (dynamic)   80 °C     Flame resistance   IEC 6032-2-2   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     Oil resistance   DIN EN 60811-404   Good, application-related testing     Bending radius (installation)   x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     Travel speed (C-track)   5 Mio. @ 25 °C     Connection type 2   5 Mio. @ 25 °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 - zkV @ 60 s   2 kV @ 60 s     Min. operating temperature (static)   -40 °C     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 (dynamic)   10 x Outer diameter     Travel speed (C-track)   5 Mio. @ 25 °C     Connection type 2   Electrical contraction		
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 (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     Travel speed (C-track)   5 Mio. @ 25 °C     Connection type 2		
Power frequency withstand voltage (wire - jacket)   2 kV @ 60 s     Min. operating temperature (static)   -40 °C     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     Travel speed (C-track)   5 Mio. @ 25 °C		-
jacket) 2 KV @ 60 S   Min. operating temperature (static) -40 °C   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 (dynamic) 10 x Outer diameter   Bending radius (dynamic) 10 x Outer diameter   Travel speed (C-track) 5 Mio. @ 25 °C		2 KV @ 60 S
Max. operating temperature (fixed)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 (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2	jacket)	
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     Travel speed (C-track)   5 Mio. @ 25 °C	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 (fixed)   7,5 x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     Travel speed (C-track)   5 Mio. @ 25 °C		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     Travel speed (C-track)   5 Mio. @ 25 °C	Operating temperature min. (dynamic)	-5 °C
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     Travel speed (C-track)   5 Mio. @ 25 °C	Operating temperature max. (dynamic)	80 °C
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     Travel speed (C-track)   5 Mio. @ 25 °C     Connection type 2	Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
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     Travel speed (C-track)   5 Mio. @ 25 °C     Connection type 2	chemical resistance	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     Travel speed (C-track)   5 Mio. @ 25 °C     Connection type 2   2	Gasoline resistance	Good, application-related testing
Bending radius (fixed)   7,5 x Outer diameter     Bending radius (dynamic)   10 x Outer diameter     Travel speed (C-track)   5 Mio. @ 25 °C     Connection type 2   25 °C	Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter   Travel speed (C-track) 5 Mio. @ 25 °C   Connection type 2 Connection type 2	Bending radius (installation)	x Outer diameter
Travel speed (C-track) 5 Mio. @ 25 °C   Connection type 2	Bending radius (fixed)	7,5 x Outer diameter
Connection type 2	<b>.</b>	10 x Outer diameter
	Travel speed (C-track)	5 Mio. @ 25 °C
Family construction form free cable end	Connection type 2	
	Family construction form	free cable end
No. of poles 12	No. of poles	12
Family construction form M8	Family construction form	M8
Gender female	Gender	female
Color contact carrier black	Color contact carrier	black
Coding A	Coding	A
No. of poles 3	No. of poles	3
PIN 1 +	PIN 1	+
PIN 3 -	PIN 3	-
PIN 4 S	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: 2024-05-06

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