

EXACT8, 10XM8, 4 POLE MOULDED CABLE

15.0m PUR 20*0,34+2*0,75 exit norm..

10-way, 4-pole 15.0 m

Further cable lengths on request.

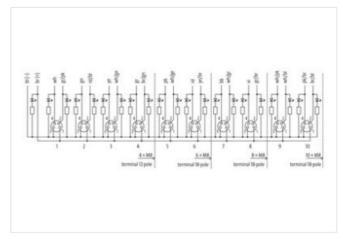
Plastic housings with good resistance against chemicals and oils.

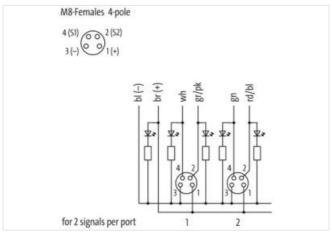
The resistance to aggressive media should be individually tested for your application. Further details on request.

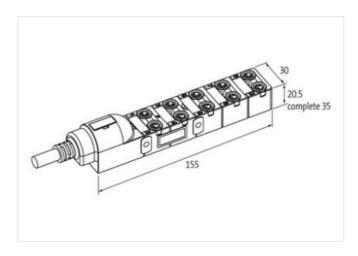
Link to Product

Illustration









Product may differ from Image







Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	
ECLASS-9.0	27440108	

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: 2024-05-04



stay connected

ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879056694
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	2
Installation Connection	
Mounting set	M8 x 1
Device protection Electrical	
	IDES IDES
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	
MUNICIPO MEDOO	Schraubgewinde
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
Environmental characteristics Climatic Operating temperature min.	-20 °C
Environmental characteristics Climatic Operating temperature min. Operating temperature max.	-20 °C 80 °C
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	-20 °C
Environmental characteristics Climatic Operating temperature min. Operating temperature max.	-20 °C 80 °C
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	-20 °C 80 °C
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable	-20 °C 80 °C depending on cable quality
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification	-20 °C 80 °C depending on cable quality 411
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding	-20 °C 80 °C depending on cable quality 411 gray cURus 1
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2)	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted Fleece
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted Fleece yes
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted Fleece
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding Filler	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted Fleece yes violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding Filler wire arrangement	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted Fleece yes violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink) 171,6 g/m PUR
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted Fleece yes violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink) 171,6 g/m PUR 89 ± 5 Shore A
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted Fleece yes violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink) 171,6 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted Fleece yes violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink) 171,6 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,3 mm
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted Fleece yes violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink) 171,6 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,3 mm ± 5 %
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted Fleece yes violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink) 171,6 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,3 mm ± 5 % TPE-E
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Banding Filler 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	-20 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted Fleece yes violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink) 171,6 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,3 mm ± 5 % TPE-E
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Banding Filler 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	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted Fleece yes violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink) 171,6 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,3 mm ± 5 % TPE-E 20 1,4 mm
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Banding Filler 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	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted Fleece yes violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink) 171,6 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,3 mm ± 5 % TPE-E 20 1,4 mm ± 5 %
Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Banding Filler 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	-20 °C 80 °C depending on cable quality 411 gray cURus 1 8 wires around Core filler twisted 1 14 wires around Stranding combination twisted Fleece yes violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink) 171,6 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 11,3 mm ± 5 % TPE-E 20 1,4 mm



Amount strands (wire) 19		
Conductor crossection (wire)	Amount strands (wire)	19
Material conductor type (wire) Strand class 5	Diameter of single wires	0,15 mm
Conductor type (wire)	Conductor crosssection (wire)	0,34 mm ²
Traversing distance (C-track) 5 m @ 25 °C horizontal Material wire insulation (Data) TPE-E Outer diameter wire insulation (Data) 1.8 mm Tolerance outer diameter wire insulation (Data) 1.8 mm Shore hardness wire insulation (Data) 55 ± 5 Shore D Ingredient freeness wire insulation (Data) 55 ± 5 Shore D Ingredient freeness wire insulation (Data) 55 ± 5 Shore D Amount wires (Data) 2 Amount wires (Data) 24 Diameter of single wires (Data) 0.2 mm Conductor crosssection wire (Data) 0.75 mm² March and Vallage (conductor - conductor) 300 V Wires conductor type (Data) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Current load capacity min. Wire (Data) 12 A Current load capacity min. Wire (Data) 12 A Electrical resistance line constant wire 4 A Current load capacity min. Wire (Data) 12 A Electrical resistance coating wire (Data) 2 kW @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire -	Material conductor wire	Stranded copper wire, bare
Material wire insulation (Data) TPE E	Conductor type (wire)	Strand class 5
Outer diameter wire insulation (Data) 1,8 mm Tolerance outer diameter wire insulation (data) ± 5 % 55 ± 5 Shore D Ingredient freeness wire insulation (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 crosssection wire (Data) 0,75 mm² Material conductor wire (Data) Strand class 5 Wire conductor type (Data) Strand class 5 Max. rated voltage (conductor - cround) 300 V Current load capacity (standard) 10 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 O/km @ 20 °C Electrical resistance (prime constant wire 26 O/km @ 20 °C Mort requency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (triad) 80 °C Operating temperature mix. (dynamic) 80 °C Operating temperature mix. (dynamic) 80 °C Oper	Traversing distance (C-track)	5 m @ 25 °C horizontal
Tolerance outer diameter wire insulation (data) ± 5 % Shore hardness wire insulation (Data)	Material wire insulation (Data)	TPE-E
Shore hardness wire insulation (Data) 55 ± 5 Shore D	Outer diameter wire insulation (Data)	1,8 mm
Ingredient freeness wire insulation (Data) Amount wires (Data) 2 Amount strands wire (Data) 2 Diameter of single wires (Data) 0,2 mm Conductor crosssection wire (Data) 0,75 mm² Material conductor wire (Data) Wire conductor wire (Data) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) Current load capacity (standard) Current load capacity min. Wire (Data) 2 Electrical resistance line constant wire (Data) 2 Current load capacity wine (Wire) 2 Current load capacity wine (Wire) 2 Current load capacity wine (Wire) 3 Current load capacity wine (Wire) 3 Current load capacity wine (Wire) 4 Current load capacity wine (Wire) 5 Curren	Tolerance outer diameter wire insulation (data)	±5%
Amount wires (Data) 2 Amount strands wire (Data) 24 Amount strands wire (Data) 24 Diameter of single wires (Data) 0,2 mm Conductor crosssection wire (Data) 0,75 mm² Material conductor wire (Data) Stranded copper wire, bare Wires 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 (Data) 12 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Data) 2 k V @ 60 s Power frequency withstand voltage (wire - wire) 2 k V @ 60 s Power frequency withstand voltage (wire - garket) 80 °C Operating temperature (static) -40 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynam	Shore hardness wire insulation (Data)	55 ± 5 Shore D
Amount strands wire (Data) 24 Diameter of single wires (Data) 0,2 mm Conductor ossessetion wire (Data) 0,75 mm² Material conductor Wire (Data) Stranded copper wire, bare Wire conductor type (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) 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 - viacket) 2 kV @ 60 s Power frequency withstand voltage (wire - viacket) 2 kV @ 60 s No. 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 Good, application-related testing Oil resistance Good, application-related testing Oil resistance DIN EN 68811-404 (Good, application-related testing	Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free
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) 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 coating wire (Data) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - igacket) 2 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Operating temperature mix. (dynamic) 5 °C Operating temperature mix. (dynamic) 80 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Garding radius (fixed) 7,5 x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic	Amount wires (Data)	2
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 Max. rated voltage (conductor - ground) 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 coating wire (Data) 26 Ω/km @ 20 °C Electrical resistance inconstant 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 - gacket) 80 °C Max. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature m	Amount strands wire (Data)	24
Material conductor wire (Data) Wire conductor type (Data) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Awar. rated voltage (conductor - conductor) 300 V Current load capacity (standard) Current load capacity (standard) Current load capacity (min. wire 4 A Current load capacity min. wire 4 A Electrical resistance line constant wire Electrical resistance coating wire (Data) 26 \(\Omega \text{km} \omega \text{20 or C} \) Electrical resistance coating wire (Data) 2 k V \(\Omega \text{60 o S} \) Power frequency withstand voltage (wire - wire) 2 k V \(\Omega \text{60 o S} \) Min. operating temperature (static) Ava. Ce Max. operating temperature (static) Ava. Ce Max. operating temperature win. (dynamic) 5 ° C Operating temperature max. (dynamic) 80 ° C Plame resistance Elec 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Dix R h 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (installation) Fravel speed (C-track) 5 Min. @ 25 ° C Connection type 2 Family construction form free cable end No. of poles 20 Family construction form M8 Gender Coding A	Diameter of single wires (Data)	0,2 mm
Wire conductor type (Data) Max. rated voltage (conductor - conductor) Max. rated voltage (conductor - ground) To DIN VDE 0298-4 Current load capacity min. wire 4 A Current load capacity min. wire (Data) Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Data) 2 kV @ 60 s Power frequency withstand voltage (wire - gacket) Min. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Max. operating temperature (fixed) Max. operating temperature min. (dynamic) 5 °C Operating temperature max. (dynamic) 6asoline resistance Electrical resistance Good, application-related testing Gasoline resistance Din En 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Fravel speed (C-track) Connection type 2 Family construction form free cable end No. of poles 2 color contact carrier black Coding A	Conductor crosssection wire (Data)	0,75 mm ²
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 lost enconstant 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 - isaket) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Flame resistance [EC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Dink 60811-404 [Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter	Material conductor wire (Data)	Stranded copper wire, bare
Max. rated volitage (conductor - ground) Gurrent load capacity (standard) Current load capacity (standard) Current load capacity (standard) Current load capacity min. Wire (Data) Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - gacket) Min. operating temperature (static) Max. operating temperature (static) A0 °C Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance Electrical resistance Good, application-related testing Gasoline resistance Din En 60011-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles Cooling A	Wire conductor type (Data)	Strand class 5
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 (fixed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (synamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	Max. rated voltage (conductor - conductor)	300 V
Current load capacity min. wire 4 A Current load capacity min. Wire (Data) 12 A Electrical resistance line constant wire 57 \(\textit{ Dikm @ 20 \circ} \) C Electrical resistance coating wire (Data) 26 \(\textit{ Qikm @ 20 \circ} \) C Electrical resistance voltage (wire - wire) 26 \(\textit{ Qikm @ 20 \circ} \) 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 \circ C Max. operating temperature (fixed) 80 \circ C Operating temperature min. (dynamic) 5 \circ C Operating temperature max. (dynamic) 80 \circ C Flame resistance IEC 60332-2-2 UL 1581 \stratement{\stratements} 1100 FT2 UL 1581 \stratements 1090 Chemical resistance Good, application-related testing Gasoline 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 (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 \circ C Connection type 2 Family construction form free cable end No. of poles 20 Family construction form M8 Gender temale Color contact carrier black Coding A	Max. rated voltage (conductor - ground)	300 V
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 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline 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 Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black	Current load capacity (standard)	to DIN VDE 0298-4
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 - gacket) 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 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline 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 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	Current load capacity min. wire	4 A
Electrical resistance coating wire (Data) 26 Q/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 Operating temperature max. (dynamic) 90 °C Contemical resistance Good, application-related testing 90 °C Oil resistance DIN EN 60811-404 Good, application-related testing 90 °C Bending radius (installation) x Outer diameter 90 °C Bending radius (fixed) 7,5 x Outer diameter 90 °C Bending radius (dynamic) 10 x Outer diameter 90 °C Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end 90 °C No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	Current load capacity min. Wire (Data)	12 A
AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) Operating temperature min. (dynamic) Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Gil 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 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	Electrical resistance line constant wire	57 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Elec 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Chemical resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline 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 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	Electrical resistance coating wire (Data)	26 Ω/km @ 20 °C
jacket) Min. operating temperature (static) Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) Operating temperature min. (dynamic) Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) Ending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Fravel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	AC withstand voltage (wire - wire)	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 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline 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 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A		2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Bo °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) Travel speed (C-track) Connection type 2 Family construction form M8 Gender Gender Good, application-related testing Mo °C Connection type 2 Family construction form M8 Gender Color contact carrier black Coding A	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline 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 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	Max. operating temperature (fixed)	80 °C
Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline 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) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	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 Connection type 2 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	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 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
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 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	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 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	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 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	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 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	Bending radius (installation)	x Outer diameter
Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	Bending radius (fixed)	7,5 x Outer diameter
Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	Bending radius (dynamic)	10 x Outer diameter
Family construction form free cable end No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	Travel speed (C-track)	5 Mio. @ 25 °C
No. of poles 20 Family construction form M8 Gender female Color contact carrier black Coding A	Connection type 2	
Family construction form M8 Gender female Color contact carrier black Coding A	Family construction form	free cable end
Gender female Color contact carrier black Coding A	No. of poles	20
Color contact carrier black Coding A	Family construction form	M8
Coding A	Gender	female
	Color contact carrier	black
No. of poles 4	Coding	A
	No. of poles	4

+

S 2

S 1

PIN 1

PIN 2

PIN 3 PIN 4