

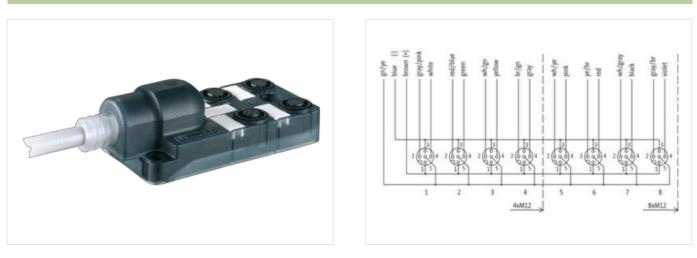
## EXACT12, 4XM12, 5-POLE, MOULDED CABLE

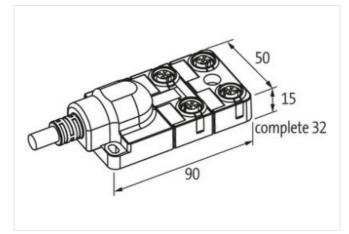
5.0m PUR 8x0,5+3x1,0

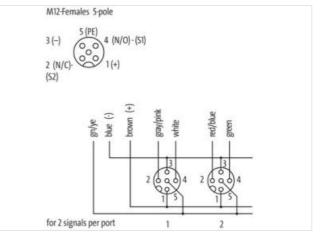
4-way, 5-pole without LED, up to 125 V AC/DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

Illustration







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: 2024-04-19



ECLASS 101     27440108       ECLASS 120     27440108       ECLASS 120     27440108       ETMA 5.0     ECOUS66       extons tarfmurcher     8544280       GTM     4048937055060       Packagng unit     1       Etertical data I Supply     Convention values A0       Corrention values A0     125 V       Corrention values A0     M12 x 1       Device protection I Electrical     Electrical Corrention Values Corre	ECLASS-9.0	27440108
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Installation   Connection     Mult 2x 1       Device protection   Electrical     Electrical       Device protection (FLNEC 60629)     IP65, IP67       Device protection (FLNEC 60629)     IP65, IP67       Device protection (FLNEC 60629)     Ifene retardant       Mechanical data   Material data     Immension (FLNEC 60629)       Mechanical data   Material data     Plastic       Mechanical data   Material data     Immension (FLNEC 60629)       Device protection (FLNEC 60629)     Plastic       Mounting method     Schraubgewinde       Environmental characteristics (Immetio     Qo °C       Operating persature max.     70 °C       Addition (Confine meperature range)     depending on cable qualify       Installation   Colf     gray       Type of Confination     448       Jacket Color     gray       Type of Confination     URus       Amount stranding     1       Stranding factor min.     51 mm       Amount stranding (type 2)     1       Stranding factor min. (type 2)     90 wires around Stranding combination counter-rotating twisted       Stranding factor min. (type 2)     100 mm  <		
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Device protection   Media       Flame resistance     flame retardant       Metchanical data   Material data     Material housing     Plastic       Mechanical data   Mounting method     Sohraubgewinde     Sohraubgewinde       Environmental characteristics   Climatic     Operating temporature min.     -20 °C       Operating temporature min.     -20 °C     -20 °C       Additional condition temporature max.     70 °C     -20 °C       Cable identification     448	Device protection   Electrical	
Flame resistance     fiame retardant       Machanical data   Material data     Plastic       Machanical data   Mounting data     Plastic       Mechanical data   Mounting data     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature min.     -20 °C       Operating temperature max.     70 °C     Additional condition temperature max.     70 °C       Additional condition temperature range     depending on cable quality     Interview     Interview       Cable identification     448     Interview     Interview     Interview       Cable identification     448     Interview     Interview     Interview       Stranding     1     Interview     Interview     Interview       Stranding     1     Interview     Interview     Interview       Amount stranding (type 2)     1     Interview     Interview     Interview       Stranding factor max.     51 mm     Interview     Interview     Interview       Stranding factor max.     51 mm     Interview     Interview     Interview       Stranding factor max.     51 mm     Interview </td <td>Degree of protection (EN IEC 60529)</td> <td>IP65, IP67</td>	Degree of protection (EN IEC 60529)	IP65, IP67
Mechanical data   Material data       Material housing     Plastic       Mechanical data   Mounting data     Schraubgewinde       Environmental characteristics   Climatic     Commental characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     70 °C       Additional condition temperature maye     depending on cable quality       Instaliation   Cable     Cable identification     448       Jacket Color     gray     Type of Certificate     cuBus       Amount stranding     1     Stranding     2 wires with Filler twisted       Stranding factor max.     51 mm     Stranding factor max.     51 mm       Amount stranding (type 2)     9 wires around Stranding combination counter-rotating twisted     Stranding factor max.     51 mm       Stranding factor max.     51 mm     Stranding factor max.     51 mm       Mount stranding (type 2)     9 wires around Stranding combination counter-rotating twisted     Stranding factor max.     51 mm       Stranding factor max.     51 mm     Stranding factor max.     51 mm     Stranding factor max.     51 mm       Stranding factor max.     51 mm     Strand	Device protection   Media	
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Mechanical data   Mounting data       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature min.     -20 °C       Operating temperature max.     70 °C     Additional condition temperature may     depending on cable quality       Installation   Cable     Cable identification     448       Jacket Color     gray     gray       Type of Centificate     cURus     Amount stranding       1     Stranding factor min.     51 mm       Stranding factor min.     51 mm     Stranding factor max.       Amount stranding (type 2)     1     Stranding factor max.       Stranding factor min. (type 2)     9 wires around Stranding combination counter-rotating twisted       Stranding factor max. (type 2)     100 mm       Stranding factor max. (type 2)     100 mm       Banding     Fleece       Filler     yes       wire arrangement     white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-while, brown-green)       No. of bending cycles (C-track)     5 Min. @ 25 °C       Cable weigth     146,3 g/m       Material jacket     PUR <t< td=""><td>•</td><td>Diastia</td></t<>	•	Diastia
Mounting method     Schraubgewinde       Environmental characteristics   Climatic     -20 °C       Operating temperature max.     70 °C       Additional condition temperature maxe     70 °C       Additional condition temperature maxe     70 °C       Installation   Cable     Comparison       Cable identification     448       Jacket Color     gray       Type of Cartificate     cURus       Amount stranding     1       Stranding factor min.     51 mm       Stranding factor max.     51 mm       Stranding factor max.     51 mm       Stranding fuctor max.     51 mm       Stranding factor max.     51 mm       Mount stranding fuctor max.     51 mm       Stranding factor max.	-	
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Additional condition temperature range   depending on cable quality     Installation   Cable     Cable identification   448     Jacket Color   gray     Type of Certificate   cJRus     Amount stranding   1     Stranding factor min.   51 mm     Stranding factor max.   51 mm     Arrount stranding (type 2)   1     Stranding factor max.   51 mm     Arrount stranding (type 2)   1     Stranding factor max.   51 mm     Arrount stranding (type 2)   100 mm     Stranding factor max.   100 mm     Stranding factor max.   100 mm     Banding   Fleece     Filler   yes     wire arrangement   white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)     No. of bending cycles (C-track)   5 Mio. @ 25 °C     Cable weight   146,3 g/m     Material jacket   PUR     Shore hardness jacket   94 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, LABS-free     Outer-diameter (jacket)   9 mm     Tolerance outer diamet	Operating temperature min.	-20 °C
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Stranding (type 2)9 wires around Stranding combination counter-rotating twistedStranding factor min. (type 2)100 mmBandingFleeceFilleryeswire arrangementwhite, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)No. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth146,3 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires8	Installation   Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding	448 gray cURus 1 2 wires with Filler twisted
Stranding factor min. (type 2)100 mmStranding factor max. (type 2)100 mmBandingFleeceFilleryeswire arrangementwhite, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)No. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth146,3 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires8	Installation   Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min.	448 gray cURus 1 2 wires with Filler twisted 51 mm
Stranding factor max. (type 2)100 mmBandingFleeceFilleryeswire arrangementwhite, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)No. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth146,3 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires8	Installation   Cable     Cable identification     Jacket Color     Type of Certificate     Amount stranding     Stranding     Stranding factor min.     Stranding factor max.	448 gray cURus 1 2 wires with Filler twisted 51 mm 51 mm
BandingFleeceFilleryeswire arrangementwhite, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)No. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth146,3 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires8	Installation   Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2)	448 gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1
Filleryeswire arrangementwhite, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)No. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth146,3 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires8	Installation   CableCable identificationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding (type 2)	448     gray     cURus     1     2 wires with Filler twisted     51 mm     51 nm     1     9 wires around Stranding combination counter-rotating twisted
wire arrangementwhite, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)No. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth146,3 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires8	Installation   CableCable identificationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding (type 2)Stranding factor min. (type 2)	448 gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm
No. of bending cycles (C-track)5 Mio. @ 25 °CCable weigth146,3 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires8	Installation   CableCable identificationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)	448 gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm
Cable weigth146,3 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires8	Installation   CableCable identificationJacket ColorType of CertificateAmount strandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)	448     gray     cURus     1     2 wires with Filler twisted     51 mm     51 mm     1     9 wires around Stranding combination counter-rotating twisted     100 mm     100 mm     Fleece
Material jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires8	Installation   CableCable identificationJacket ColorType of CertificateAmount strandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)	448     gray     cURus     1     2 wires with Filler twisted     51 mm     51 mm     1     9 wires around Stranding combination counter-rotating twisted     100 mm     100 mm     Fleece     yes
Shore hardness jacket 94 ± 5 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   Outer-diameter (jacket) 9 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation TPE-E   Amount wires 8	Installation   CableCable identificationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)BandingFillerwire arrangement	448     gray     cURus     1     2 wires with Filler twisted     51 mm     51 mm     1     9 wires around Stranding combination counter-rotating twisted     100 mm     100 mm     Fleece     yes     white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free   Outer-diameter (jacket) 9 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation TPE-E   Amount wires 8	Installation   CableCable identificationJacket ColorType of CertificateAmount strandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)BandingFillerwire arrangementNo. of bending cycles (C-track)Cable weigth	448     gray     cURus     1     2 wires with Filler twisted     51 mm     51 mm     1     9 wires around Stranding combination counter-rotating twisted     100 mm     100 mm     Fleece     yes     white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)     5 Mio. @ 25 °C     146,3 g/m
Outer-diameter (jacket) 9 mm   Tolerance outer diameter (sheath) ± 5 %   Material wire insulation TPE-E   Amount wires 8	Installation   CableCable identificationJacket ColorType of CertificateAmount strandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)BandingFillerwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacket	448 gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm Fleece yes white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green) 5 Mio. @ 25 °C 146,3 g/m PUR
Tolerance outer diameter (sheath) ± 5 %   Material wire insulation TPE-E   Amount wires 8	Installation   CableCable identificationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)BandingFillerwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacket	448     gray     cURus     1     2 wires with Filler twisted     51 mm     51 mm     1     9 wires around Stranding combination counter-rotating twisted     100 mm     100 mm     Fleece     yes     white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)     5 Mio. @ 25 °C     146,3 g/m     PUR     94 ± 5 Shore A
Material wire insulation TPE-E   Amount wires 8	Installation   CableCable identificationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)BandingFillerwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)	448     gray     cURus     1     2 wires with Filler twisted     51 mm     51 mm     1     9 wires around Stranding combination counter-rotating twisted     100 mm     100 mm     Fleece     yes     white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)     5 Mio. @ 25 °C     146,3 g/m     PUR     94 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount wires 8	Installation   CableCable identificationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)Banding factor max. (type 2)BandingFillerwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)	448     gray     cURus     1     2 wires with Filler twisted     51 mm     51 mm     1     9 wires around Stranding combination counter-rotating twisted     100 mm     100 mm     Fleece     yes     white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)     5 Mio. @ 25 °C     146,3 g/m     PUR     94 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free     9 mm
	Installation   CableCable identificationJacket ColorType of CertificateAmount strandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)BandingFillerwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)	448     gray     cURus     1     2 wires with Filler twisted     51 mm     51 mm     1     9 wires around Stranding combination counter-rotating twisted     100 mm     100 mm     Fleece     yes     white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)     5 Mio. @ 25 °C     146,3 g/m     PUR     94 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free     9 mm     ± 5 %
Outer diameter insulation 1,6 mm	Installation   CableCable identificationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)BandingFillerwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulation	448     gray     cURus     1     2 wires with Filler twisted     51 mm     51 mm     1     9 wires around Stranding combination counter-rotating twisted     100 mm     100 mm     Fleece     yes     white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)     5 Mio. @ 25 °C     146,3 g/m     PUR     94 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free     9 mm     ± 5 %     TPE-E
	Installation   CableCable identificationJacket ColorType of CertificateAmount strandingStrandingStranding factor min.Stranding factor max.Amount stranding (type 2)Stranding factor min. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)Stranding factor max. (type 2)BandingFillerwire arrangementNo. of bending cycles (C-track)Cable weigthMaterial jacketShore hardness jacketFreedom from ingredients (jacket)Outer-diameter (jacket)Tolerance outer diameter (sheath)Material wire insulationAmount wires	448     gray     cURus     1     2 wires with Filler twisted     51 mm     51 mm     9 wires around Stranding combination counter-rotating twisted     100 mm     100 mm     Fleece     yes     white, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)     5 Mio. @ 25 °C     146,3 g/m     PUR     94 ± 5 Shore A     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free     9 mm     ± 5 %     TPE-E     8

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Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount strands (wire)	64
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,5 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	TPE-E
Outer diameter wire insulation (Data)	2,1 mm
Tolerance outer diameter wire insulation (data)	
Shore hardness wire insulation (Data)	55 ± 3 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount wires (Data)	3
Amount strands wire (Data)	128
Diameter of single wires (Data)	0.1 mm
Conductor crosssection wire (Data)	1 mm <sup>2</sup>
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	5,9 A
Current load capacity min. Wire (Data)	15 A
Electrical resistance line constant wire	39 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	20 Ω/km @ 20 °C
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor -	300 V
conductor)	500 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
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)	x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	0,5 Mio.
Torsion stress	± 180 °/m
Connection type 2	
Family construction form	free cable end
No. of poles	11
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	+
PIN 2	NC S 2
PIN 3	-

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PIN 4 PIN 5 NO S 1 PE

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