

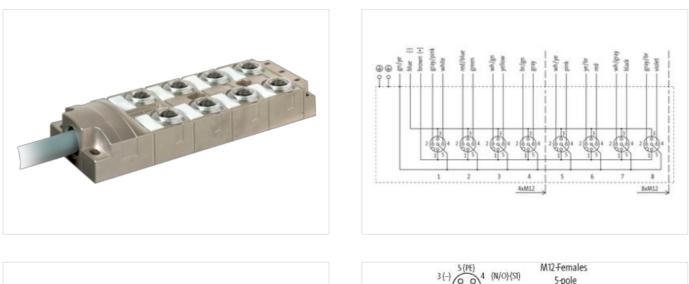
MVP-METALL, 8XM12, 5POLE, PRE-WIRED CABLE

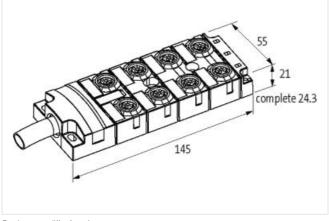
10.0m PUR 16x0,5+3x1,0, UL/CSA

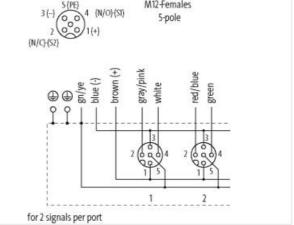
8-way, 5-pole Without LED for analog signals up to 48 V AC/DC 10.0 m Further cable lengths on request. Replaces identical product (Art.No. 27498)

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: 2024-05-07

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



wite atrangementyellow, pink, yellow-white, gray, blue, brown, green-yellow, violet)Cable weigth231 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)11,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	ECLASS-10.1	27440108
ETN-S.0 EC002555 cations stiff number 8544430 GTIN 4948735180 Packagu uni 1 Electrical data Supply Operating voltage AC max. Operating voltage AC max. 48 V Current operating voltage AC max. 4A Device protection [Electrical Device protection [Electrical Degree of protection [Electrical Degree of protection [Electrical Degree of protection [Electrical Destructure data Mounting data Mourting method Softraubgewinde Environmental characteristics Climatic Operating remperture min. Operating remperture min. -25 °C Operating remperture max. 99 °C Additional constitution 452 Cable celeficitation 452	ECLASS-11.1	27440108
customs tariff number 85444290 GTN 404897935180 Packaging unit 1 Electrical data Supply Operating voltage AC max. Operating voltage AC max. 48 V Current operating por contact max. 4A Installation Connection Maximum Set Mounting set M12 x 1 Device protection (EN ICE 06029) IP65, IP67, IP68 Mechanical data Material data Carting housing Carting housing Nickeled Material housing Zinc die-cassing Mechanical data Mounting data Coperating voltage AC max. Operating rolling temporature min. -28 °C Operating temporature min. -28 °C Coperating temporature min. -90 °C Additional condition temperature range depending on cable quality Installion Cable Cable dentification Afs 2 Jashet Cool Grav Type of Coefficate CuP	ECLASS-12.0	27440108
GTIN 4048879351980 Packaging unit 1 Electrical data Supply Operating voltage AG max. 48 V Operating voltage DG max. 48 V Installation Connection Mounting set M12 x 1 Device protection Electrical Degree of protection Electrical Egree of protection Electrical Egree of protection Electrical Degree of protection Electrical Egree of protection Electrical Egree of protection Electrical Degree of protection Electrical Egree of protection Electrical Egree of protection Electrical Degree of protection Electrical Egree of protection Electrical Egree of protection Electrical Degree of protection Electrical Egree of protection Electrical Egree of protection Electrical Degree of protection Electrical Egree of protection Electrical Egree of protection Electrical Degree of protection Electrical Egree of protection Electrical Egree of protection Electrical Degree of protection Electrical Egree of protection Electrical Egree of protection Electrical Depreting temperature max. 90 °C Color Egree of protection Electrical	ETIM-5.0	EC002585
Packaging unit 1 Electrical data [Supply Operating voltage AC max. 48 V Operating voltage DC max. 48 V Current operating per contact max. 4 A Installation [Connection Mounting set M12 x 1 Device protection [Electrical Carlang housing Net/Velocity Mechanical data [Meerial data Counting set Zino die-casting Mechanical data [Mounting data Mounting method Schraubgewinde Environmental characteristics [Climatic Operating temperature min. -25 °C Operating temperature max. 90 °C Additional condition temperature ranze. 90 °C	customs tariff number	85444290
Electrical data Supply Operating voltage AC max. 48 V Operating voltage CD max. 48 V Current operating per contact max. 4 A Installation Connection Installation Connection Mouring set M12 x 1 Device protection Electrical Installation Connection Recencil data Material data Contage of protection (EN IEC 60529) IP65, IP67, IP68 Mechanical data Muterial data Contage of protection (EN IEC 60529) IP65, IP67, IP68 Material housing Nickeled Material housing Interview Mouting method Schraubgewinde Environmetal characteristics Climatic Contage of protection (EN IEC 60529) IP67 CO Operating temperature max. 29 °C Contage of contacteristics Climatic Contage of contacteristics Climatic Contage of contacteristics Climatic Contage of contage	GTIN	4048879351980
Operating voltage AC max. 48 V Operating voltage DC max. 48 V Current operating per contact max. 4 A Instillation Connection Instillation Connection Mounting set M12 x 1 Device protection [Electrical IPe56, IP67, IP68 Mechanical data [Interviated attation of the connection IPe56, IP67, IP68 Mechanical data [Interviated attation of the connection of the conneconecon of the	Packaging unit	1
Operating voltage AC max. 48 V Operating voltage DC max. 48 V Current operating per contact max. 4 A Instillation Connection Instillation Connection Mounting set M12 x 1 Device protection [Electrical IPe56, IP67, IP68 Mechanical data [Interviated attation of the connection IPe56, IP67, IP68 Mechanical data [Interviated attation of the connection of the conneconecon of the		
Operating voltage DC max. 48 V Current operating per context max. 4 A Installation Connection Mounting set Mounting set M12 x 1 Device protection Electrical Degree of protection (EN EG 60529) IPES, IP		48 V
Current operating per contact max. 4 A Installation Connection Mounting set M12 x 1 Degree of protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP68 Mechanical data Material data Coating housing Nickeled Material housing Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 90 °C Additional condition temperature range depending on cable quality Installation Cable		
Installation Connection Mounling set M12 x 1 Device protection Electrical IP65, IP67, IP68 Mechanical data Material data IP65, IP67, IP68 Mechanical data Material data IP66, IP67, IP68 Mechanical data Material housing Nickeled Methanical data Mounting data IP66, IP67, IP68 Mechanical data Mounting data IP66, IP67, IP68 Mechanical data Mounting data IP66, IP67, IP68 Mounting method Schraubgewinde Environmetial characteristics Climatic IP66, IP67, IP67, IP68 Operating temperature max. 90 °C Additional condition temperature range depending on cable quality Installation d52 IP66, IP67, IP68 Cable identification 452 Jackst Color gray Type of Certificate cURus Amount stranding 1 Stranding (Ype 2) 1 Amount stranding 1 Stranding Fliker View anangement gray-pink, brown-green, yellow, green, red-blue, white, (brown-gray, black, gray-white, red, brow yellow, pink, yellow-white, gray, blue		
Mounting set M12 x 1 Device protection [Electrical IPES, IPES, IPES, IPES, IPES Degree of protection [KN IEC 60529] IPES, IPES, IPES, IPES Mechanical data [Material data Coating housing Nickeled Material housing Zinc die-casting IPES Mechanical data [Material data Schraubgewinde IPES Environmental characteristics [Climatic Operating temperature max. 90 °C Operating temperature max. 90 °C Additional condition temperature range depending on cable quality Installation [Cable Coable identification 452 Coable identification 452 Jacket Color gray Type of Certificate CURus Coable identification 452 Amount stranding 1 Stranding Type of Certificate CURus Amount stranding 1 Stranding Type of Certificate CURus Amount stranding 1 Stranding Type of Certificate Currus around Core filler twisted Barding Fleece Filler yee Stranding (type 2) Stranding (type 2) St		
Device protection [Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP68 Mechanical data [Material data Coating housing Nickeled Material housing Zinc die-casting Mechanical data [Mounting data Schraubgewinde Forvinomental characteristics Climatic Operating temperature max. 90 °C Additional condition temperature ranse depending on cable quality Operating temperature max. Installation Cable Cable dentification 452 Zasket Color gray gray Type of Certificate cUPus CUPus Amount stranding 1 Stranding 7 wires around Core filler twisted Andunt stranding (type 2) 1 Views counter-rotating twisted Sadding Filler yes view aroung reany, view, v	•	
Degree of protection (EN IEC 60529) IP65, IP67, IP68 Mechanical data Material data Coating housing Nickeled Material housing Zinc die-casting Mechanical data Mounting data Schraubgewinde Mounting method Schraubgewinde Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 90 °C Additional condition temperature may depending on cable quality Installation Cable Cable identification 452 Cable identification 452 Jacket Color gray Type of Certificate CURus Amount stranding 1 Stranding 7 wires around Core filler twisted Amount stranding 1 Stranding 7 wires around core filler twisted Banding Fleece Fleece Fleece Filler yes gray-pilk, brown-green, yellow, green, wellow, wiolet) Gabre weight Cable weight 231 g/m Material jacket PUR Shore hardness jacket PUR Shore A Freedom from ingredients (jacket) L5 % <td>Mounting set</td> <td>M12 x 1</td>	Mounting set	M12 x 1
Mechanical data Material data Coating housing Nickeled Material housing Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 90 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification Gable identification 452 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 7 wires around Core tiller twisted Annount stranding (type 2) 12 wires counter-rotating twisted Banding Fleece Filler yes wire arrangement gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brow yellow, yink, green-yellow, violet) Cable weigh 231 g/m Material yellow, pink, grown-green, yellow, pink, green-retellow, widet Shore hadrones jacket PUR Shore hadrones jacket 94 ± 5 Shore A	Device protection Electrical	
Coating housing Nickeled Material housing Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 90 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification Zable identification 452 Jacket Color gray Type of Carificate cURus Amount stranding 1 Stranding (type 2) 1 Stranding (type 2) 1 Stranding (type 2) 1 Stranding (type 2) 1 Wrie arrangement gray-pink, brown-green, yellow, green-while, green, red-blue, while, (brown-gray, black, gray-while, red, brow yellow, pink, yellow, while, gray, blue, brown, green-yellow, violet) Cable weigth 231 g/m Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 11	Degree of protection (EN IEC 60529)	IP65, IP67, IP68
Material housing Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde Environmental characteristics Climatic Operating temperature main. -25 °C Operating temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Casle identification 452 Jacket Color gray Type of Certificate CURus Amount stranding (type 2) 1 Stranding (type 2) 1 2 wires counter-rotating twisted Banding Fleece Filler yes Filler Yes Yes fl	Mechanical data Material data	
Material housing Zinc die-casting Mechanical data Mounting data Mounting method Schraubgewinde Environmental characteristics Climatic Operating temperature main. -25 °C Operating temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Casle identification 452 Jacket Color gray Type of Certificate CURus Amount stranding (type 2) 1 Stranding (type 2) 1 2 wires counter-rotating twisted Banding Fleece Filler yes Filler Yes Yes fl	Coating housing	Nickeled
Mechanical data Mounting data Mounting method Schraubgewinde Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 90 °C Additional condition temperature may. 90 °C Additional condition temperature may. 90 °C Additional condition temperature may. 90 °C Installation Cable Cable identification 452 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 7 wires around Core filler twisted Amount stranding 1 Stranding (type 2) 1 wires counter-rotating twisted Eadle identification		Zinc die-casting
Mounting method Schraubgewinde Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature max. 90 °C Additional condition temperature may. 90 °C Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding (type 2) 1 Stranding (type 2) 1 2 wires around Core filler twisted Banding Fleece Filler yes	č	
Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 90 °C Additional condition temperature range depending on cable quality Installation Cable Cable depending on cable quality Cable identification 452 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 7 wires around Core filler twisted Amount stranding (type 2) 1 Stranding (type 2) 12 wires counter-rotating twisted Banding Fleece Filler yes wire arrangement gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brow yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) Cable weigth 231 g/m Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) 11,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 16 Ou		Cabraukaanuinda
Operating temperature min. -25 °C Operating temperature max. 90 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification Cable identification 452 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 7 wires around Core filler twisted Amount stranding (type 2) 1 Stranding Fleece Filler yes wire arrangement gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brow yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) Cable weigth 231 g/m Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) 11,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 16 Outer diameter insulation 1,6 mn Outer diameter insulation 1,6 mn Outer diameter insulation 5 %	-	Schraubgewinde
Operating temperature max. 90 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification Cable identification 452 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 7 wires around Core filler twisted Amount stranding (type 2) 1 Stranding (type 2) 12 wires counter-rotating twisted Banding Fleece Filler yes wire arrangement gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brow yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) Cable weigth 231 g/m Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) 11,5 mm Tolerance outer diameter (jacket) 11,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation 16 Outer diameter lolerance core insulation 1.6 mm Outer diameter lolerance core insulation 5 % Shore D	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality Installation Cable Cable identification 452 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding (type 2) 1 Stranding (type 2) 1 Stranding (type 2) 12 wires counter-rotating twisted Banding Filece Filler yes wire arrangement gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brow Cable weigth 231 g/m Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 11,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 16 Outer diameter tolerance core insulation ± 5 % Charle diameter tolerance core insulation ± 5 %	Operating temperature min.	-25 °C
Installation Cable Cable identification 452 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 7 wires around Core filler twisted Amount stranding (type 2) 1 Stranding (type 2) 12 wires counter-rotating twisted Banding Fleece Filler yes wire arrangement gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) Cable weigth 231 g/m Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 11.5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 16 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 5 ± 5 Shore D		
Cable identification452Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding7 wires around Core filler twistedAmount stranding (type 2)1Stranding (type 2)1Stranding (type 2)12 wires counter-rotating twistedBandingFleeceFilleryeswire arrangementgray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brow yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet)Cable weigth231 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)11,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	Additional condition temperature range	depending on cable quality
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding7 wires around Core filler twistedAmount stranding (type 2)1Stranding (type 2)12 wires counter-rotating twistedBandingFleeceFilleryeswire arrangementgray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brow yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet)Cable weigth231 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)11,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulation1,6 mmOuter diameter tolerance core insulation1,6 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	Installation Cable	
Type of CertificatecURusAmount stranding1Stranding7 wires around Core filler twistedAmount stranding (type 2)1Stranding (type 2)12 wires counter-rotating twistedBandingFleeceFilleryeswire arrangementgray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brow yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet)Cable weigth231 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)11,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	Cable identification	452
Amount stranding 1 Stranding 7 wires around Core filler twisted Amount stranding (type 2) 1 Stranding (type 2) 12 wires counter-rotating twisted Banding Fleece Filler yes wire arrangement gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brownyellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) Cable weigth 231 g/m Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 11,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 16 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D	Jacket Color	gray
Stranding 7 wires around Core filler twisted Amount stranding (type 2) 1 Stranding (type 2) 12 wires counter-rotating twisted Banding Fleece Filler yes wire arrangement gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brow yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) Cable weigth 231 g/m Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 11,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 16 Outer diameter tolerance core insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D	Type of Certificate	cURus
Amount stranding (type 2) 1 Stranding (type 2) 12 wires counter-rotating twisted Banding Fleece Filler yes wire arrangement gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brow yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) Cable weigth 231 g/m Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 11,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 16 Outer diameter tolerance core insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 5 ± 5 Shore D	Amount stranding	1
Stranding (type 2) 12 wires counter-rotating twisted Banding Filece Filler yes wire arrangement gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) Cable weigth 231 g/m Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 11,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 16 Outer diameter tolerance core insulation 1,6 mm Outer diameter tolerance core insulation ± 5 %	Stranding	7 wires around Core filler twisted
Banding Fleece Filler yes wire arrangement gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brownylelow, wite) Cable weigth 231 g/m Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 11,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 16 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 5 %	Amount stranding (type 2)	1
Filleryeswire arrangementgray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brow yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet)Cable weigth231 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)11,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter insulation1,6 mmOuter diameter tolerance core insulation± 5 %	Stranding (type 2)	12 wires counter-rotating twisted
wire arrangement gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, browny yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) Cable weigth 231 g/m Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 11,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 16 Outer diameter tolerance core insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D	Banding	Fleece
wire an argement yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet) Cable weigth 231 g/m Material jacket PUR Shore hardness jacket 94 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 11,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 16 Outer diameter tolerance core insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D	Filler	yes
Material jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)11,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter insulation1,6 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	wire arrangement	gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown- yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet)
Shore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)11,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter insulation1,6 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	Cable weigth	231 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)11,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter insulation1,6 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	Material jacket	PUR
Outer-diameter (jacket)11,5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires16Outer diameter insulation1,6 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	Shore hardness jacket	94 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE-E Amount wires 16 Outer diameter insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
Material wire insulation TPE-E Amount wires 16 Outer diameter insulation 1,6 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D	Outer-diameter (jacket)	11,5 mm
Amount wires16Outer diameter insulation1,6 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation1,6 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation55 ± 5 Shore D	Material wire insulation	TPE-E
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D	Amount wires	16
Shore hardness wire insulation 55 ± 5 Shore D	Outer diameter insulation	1,6 mm
	Outer diameter tolerance core insulation	±5%
Ingradiant frequess wire insulation lead-free CEC-free halogen-free silicone free LARS free	Shore hardness wire insulation	55 ± 5 Shore D
ווקויפטופות הפרופטא אויפ וווגטומנוטו ופמעיורפי, ומטעפויוופט, אוונטוופיוופט, גארטארא גער וווגע וופע גארטארא גער 	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount strands (wire) 64	Amount strands (wire)	64
Diameter of single wires 0,1 mm	Diameter of single wires	0,1 mm
Conductor crosssection (wire) 0,5 mm ²	Conductor crosssection (wire)	0,5 mm²
Traversing distance (C-track) 5 m @ 25 °C	Traversing distance (C-track)	5 m @ 25 °C

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: 2024-05-07

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



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)	±5%
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-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 ²
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
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	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
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)	2° 09
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	2° 09
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	8 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	16
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	-
PIN 4	NO S 1
PIN 5	PE

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: 2024-05-07

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk