

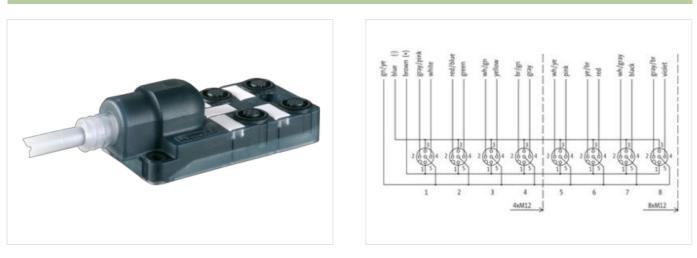
EXACT12, 4XM12, 5-POLE, MOULDED CABLE

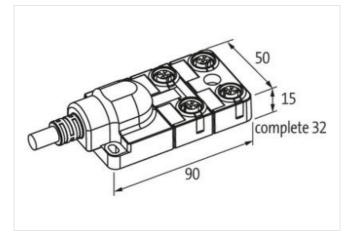
5.0m PUR 8x0,5+3x1,0

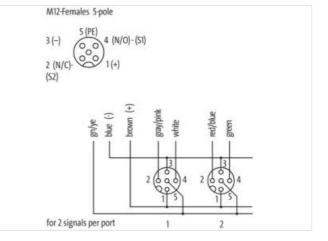
4-way, 5-pole without LED, up to 125 V AC/DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

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
ECLASS:11.1 27440108 ECA.SS:12.0 27440108 ECA.SS:12.0 27440108 ECA.SS:12.0 27440108 ECA.SS:12.0 27440108 ECA.SS:12.0 27440108 Ecation: Unit of the second seco	ECLASS-10.1	27440108
ECL 455/12.0 27440108 ETM-5.0 EC002986 automs tarf involver 85444260 GTN 404870555690 Packaging unit 1 Electrical data [Supply Operating voltage AC 125 V Current operating voltage AC 125 V Statistation IC Nation IS 100 V/transpace AC Device oprecision IS Inter relaxed ant Machinal data I Nouthing data Stantagewolde Environmental characteristical Climatic Stantagewolde Operating temperature max 70 °C Operating temperature max 70 °C <		
ETM 5:0EC002985calons tarlf number8544290GTM404870555800Packagi unit1Electrical data ISupplyOperating voltage ACOperating voltage AC125 VOperating voltage AC125 VCorrent operating per contract max.4 AInstallation ConnectionMal x 1Bedree protection ElectricalPeritage series max.Mounting setM12 x 1Device protection ElectricalPeritage series max.Device protection ElectricalImme relardantMechanical data Material dataMan relardantMechanical data Material dataMan relardantMechanical data Mounting dataPassicMounting methorSchraubgewindeEnvironmental characteristics ClimaticOperating voltageOperating transpraydeponding on cable qualityInstallation Cohe97 °CAddison Cohe97 °C		
GTIN4048879055880Packaging unit1Electrical dial SopplyOperaling voltage AC125 VOperaling voltage DC125 VCurrent operating per contact max.4 AInstallation I ConnectionBouring gest may and the set of	ETIM-5.0	EC002585
Packaging unit 1 Electrical data Supply 1 Operating voltage DC 125 V Current operating per contact max. 4 A Installation Connection Mounting set Mounting set M12 x 1 Device protection Electrical Device protection Modia Device protection Modia Pess (P67) Device protection Modia Schraubgewinde Environmental charsteristics Climatic Climatic Doprating temperature max. 20 °C	customs tariff number	85444290
Electrical data Supply Coperating voltage AC 125 V Operating voltage AC 125 V Current operating per contact max. 4 A Installion Connection Velocity Device protection Electrical Device protection Modia Device protection Modia Test = 1 Device protection Modia Test = 1 Device protection Modia Test = 1 Matrial housing Plastic Mounting end to Modia Schraubgewinde Environmental characteristics Climatic Coperating temperature min. Additional conting temperature min. -20 °C Additional conting temperature max. 20 °C Cable temperature max. 20 °C <t< td=""><td>GTIN</td><td>4048879055680</td></t<>	GTIN	4048879055680
Electrical data Supply Coperating voltage AC 125 V Operating voltage AC 125 V Current operating per contact max. 4 A Installion Connection Velocity Device protection Electrical Device protection Modia Device protection Modia Test = 1 Device protection Modia Test = 1 Device protection Modia Test = 1 Matrial housing Plastic Mounting end to Modia Schraubgewinde Environmental characteristics Climatic Coperating temperature min. Additional conting temperature min. -20 °C Additional conting temperature max. 20 °C Cable temperature max. 20 °C <t< td=""><td>Packaging unit</td><td>1</td></t<>	Packaging unit	1
Operating voltage AC125 VOperating voltage AC125 VOperating voltage AC125 VCurrent operating per constat max.4 AInstallation ConnectionN12 x 1Device protection ElectricalPerson Person (PAI)Device protection ElectricalPerson Person (PAI)Device protection MEC 6059)Pests PersonDevice protection MEC 6059)Pests PersonDevice protection MEC 6059)Pests PersonMechanical data Material housingPeats PersonMechanical data Material housingPeats PersonDevice protection MEC 6059)Peats Peats PersonDevice protection MEC 6059)Peats Peats Pea		
Operating voltage DC 125 V Current operating per centact max. 4 A Insialization Connection M12 x 1 Device protection Electrical Degree of protection Media Degree of protection Media Files resistance Fam resistance fame restandant Mechanical data Material data Material housing Material housing Plastic Mechanical data Material data Material housing Mounting method Schraubgewinde Enviconmental characteristics Climatic Operating temperature min. Operating temperature min. -20 °C Operating temperature min. -20 °C Operating temperature max. 70 °C Addition Cable Cable dantification Cable dantification 44B Lasket Color gray Type of Certificate cuPray Amount stranding 1 Stranding 2 wires with Filter twistad Stranding factor min. 51 mm Amount stranding (type 2) 1 00 mm Stranding factor max. 51 mm		
Current operating per contact max. 4 A Installation Connection Mounting set M12 x 1 Device protection Electrical Degree of protection Electrical Device protection Media Flame resistance fame retardant Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting data Mounting method Schraubgewinde Environmental characteristics Climatic Coperating temperature max. 70 °C Operating temperature max. 70 °C Additional condition temperature range depending on cable quality Installation[Clause Color gray Type of Certificate CURus Amount stranding 1 Stranding factor max. 51 mm Stranding factor max. 51 mm Stranding factor max. 51 mm Stranding factor max. 100 mm Banding Piesce Filer yes Wrise work protection is protection is protecontific (chenab) 100 mm		
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 <		
Mounting set M12 x 1 Device protection Electrical Pess, IP67 Device protection Media Files, IP67 Device protection Media Itame relardant Itame relastance Itame relardant Matchanical data Material data Schraubgewinde Itame relastance Schraubgewinde Environmental characteristics Climatic Operating temperature min. Operating temperature min. -20 °C Additional condition temperature range depending on cable quality Additional condition temperature range depending on cable quality Type of Certificate CURus Additional condition temperature range depending on cable quality Type of Certificate CURus Arount stranding 1 Stranding 2 wires with Filter wisted Stranding factor min. 51 mm Arount stranding (type 2) 1 Stranding factor min. 51 mm Arount stranding (type 2) 1 Stranding factor min. 51 mm Branding factor min. 51 mm Branding factor min.		4 A
Device protection [EN EC 60529] IP65, IP67 Device protection [Media Flame relatant Flame resistance flame relatant Metrial housing Plastic Matrial housing Plastic Metrial housing Plastic Metrial housing Plastic Mouting method Schwabgewinde Environmental characteristics [Climatic - 20 °C Operating temperature max. 70 °C Addition condition temperature may. 70 °C Additional condition temperature may. 70 °C Cable identification 448 Jacket Color gray Type of Certificate CUPus Amount stranding 1 Stranding factor min. 51 mm Stranding factor min. 51 mm Stranding (type 2) 100 mm Stranding factor min. 51 mm Stranding factor max. 51 mm Stranding factor min.	Installation Connection	
Degree of protection (EN IEC 60529) IP65, IP67 Device protection Media Iame relardant Mechanical data Material data Macrial housing Plastic Mechanical data Mounting data Plastic Mechanical data Mounting data Mechanical data Mounting data Plastic Mechanical data Mounting data Mounting method Schraubgewinde Environmental characteristics Climatic Operating temperature min. -20 °C Operating temperature max. 70 °C Additional condition temperature max. 70 °C Operating temperature max. 70 °C Additional condition temperature max. 70 °C Operating temperature max. 70 °C Collocit gray Collocit Gray Collocit Installation Cable Collocit gray Collocit Gray Stranding 2 wires with Filler twisted Stranding 1 Stranding factor max. 51 mm Stranding factor max. 51 mm Stranding commonation counter-rotaling twisted Stranding factor max. 51 mm Stranding factor max. 51 mm Stranding factor max.	Mounting set	M12 x 1
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	
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	Flame resistance	flame retardant
Material housing Plastic Mechanical data [Mounting data Schraubgewinde Furionmental characteristics Climatic Commental characteristics Climatic Operating temperature min. -20 °C Operating temperature max. 70 °C Additional condition temperature may. 70 °C Cable identification 448 Jacket Color gray Type of Certificate CUBus Amount stranding 1 Stranding factor max. 51 mm Stranding factor max. 92 mm Stranding factor max. 92 mm Stranding factor max. 92 mm Operating vecles (C-track) 5 Min.@ 25 °C Cable weigh 148.3 g/m Mater		
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.	-	
Environmental characteristics ClimaticOperating temperature min20 °COperating temperature max.70 °CAdditional condition temperature mayedepending on cable qualityInstallation CableCCable identification448Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding factor min.51 mmStranding factor min.100 mmStranding factor min.100 mmStranding tactor min.51 mmAmount stranding (type 2)1Stranding tactor min.100 mmStranding tactor min.100 mmStranding tactor min.100 mmStranding tactor min. (type 2)100 mmStranding tactor min. (type 2)100 mmStranding tactor min. (type 2)100 mmBandingFleeceFilleryeswire arrangementwhite, yellow, (blue, brown, green-yellow, gray, gray-pirk, red-blue, green, green-white, brown-green)No. of bending cycles (C-track)5 Min. @ 25 °CCable weigh148,3 g/mMaterial jacketPURShore hardress jacket9 4 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-(jameter (jacket))9 mmTolerance outer (jameter (jacket))9 free.<		
Operating temperature min20 °COperating temperature max.70 °CAdditional condition temperature rangedepending on cable qualityInstallation CableCable identification448Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding2 wires with Filler twistedStranding factor min.51 mmStranding factor max.51 mmAmount stranding (type 2)1Stranding tactor max.51 mmStranding tactor max.52 °CCable weight146,3 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	Mounting method	Schraubgewinde
Operating temperature max. 70 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification Zable identification 448 Jacket Color gray Type of Cariticate cURus Amount stranding 1 Stranding 2 wires with Filler twisted Stranding factor min. 51 mm Stranding factor max. 51 mm Amount stranding (type 2) 1 Stranding factor max. 51 mm Mamount stranding (type 2) 100 mm Stranding factor max. 52 °C Cable weigth 163.3 g/m Material jacket PUR Shine @ 25 °C Cable weigth <td>Environmental characteristics Climatic</td> <td></td>	Environmental characteristics Climatic	
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
Installation CableCable identification448Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding factor min.51 mmStranding factor max.51 mmAmount stranding (type 2)1Stranding factor min.51 mmAmount stranding (type 2)9 wires around Stranding combination counter-rotating twistedStranding factor min.100 mmStranding factor min. (type 2)100 mmStranding factor min. (type 2)100 mmStranding factor max. (type 2)100 mmBardingFleeceFilleryeswire arrangementwhite, yellow, (blue, brown, green-yellow, gray, gray-pink, red-blue, green, green-white, brown-green)No. of bending cycles (C-track)5 Mice @ 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	Operating temperature max.	70 °C
Cable identification448Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding2 wires with Filter twistedStranding factor min.51 mmStranding factor max.51 mmAmount stranding (type 2)1Stranding factor min. (type 2)9 wires around Stranding combination counter-rotating twistedStranding factor min. (type 2)100 mmStranding factor max. (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 weigh146,3 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 mmToferance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires8		depending on cable quality
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding2 wires with Filler twistedStranding factor min.51 mmStranding factor max.51 mmAmount stranding (type 2)1Stranding factor min.51 mmStranding factor max.51 mmAmount stranding (type 2)1Stranding factor max.51 mmAmount stranding (type 2)9 wires around Stranding combination counter-rotating twistedStranding factor max.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, LABS-freeOuter-diameter (jacket)9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPE-EAmount wires8	Additional condition temperature range	depending on cable quality
Type of CertificatecURusAmount stranding1Stranding2 wires with Filler twistedStranding factor min.51 mmStranding factor max.51 mmAmount stranding (type 2)1Stranding factor max.51 mmAmount stranding (type 2)9 wires around Stranding combination counter-rotating twistedStranding factor max.100 mmStranding factor max.100 mmStranding factor max.100 mmStranding factor max.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		
Amount stranding1Stranding2 wires with Filler twistedStranding factor min.51 mmStranding factor max.51 mmAmount stranding (type 2)1Stranding factor min. (type 2)9 wires around Stranding combination counter-rotating twistedStranding factor min. (type 2)9 wires around Stranding combination counter-rotating twistedStranding factor max. (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	
Stranding2 wires with Filler twistedStranding factor min.51 mmStranding factor max.51 mmAmount stranding (type 2)1Stranding factor min. (type 2)9 wires around Stranding combination counter-rotating twistedStranding factor min. (type 2)9 wires around Stranding combination counter-rotating twistedStranding factor max. (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 Mic. @ 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	448
Stranding factor min.51 mmStranding factor max.51 mmAmount stranding (type 2)1Stranding (type 2)9 wires around Stranding combination counter-rotating twistedStranding 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	448 gray
Stranding factor max.51 mmAmount stranding (type 2)1Stranding (type 2)9 wires around Stranding combination counter-rotating twistedStranding 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-EArmount wires8	Installation Cable Cable identification Jacket Color Type of Certificate	448 gray cURus
Amount stranding (type 2)1Stranding (type 2)9 wires around Stranding combination counter-rotating twistedStranding 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	448 gray cURus 1
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

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



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 ²
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 ²
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	-

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



PIN 4 PIN 5 NO S 1 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: 2024-04-19