

## EXACT12, 8XM12, 4 POLE MOULDED CABLE

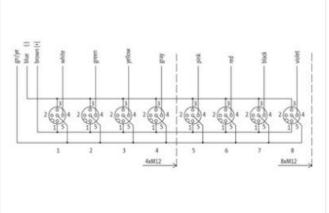
5.0m PUR 8x0,34+3X0.75

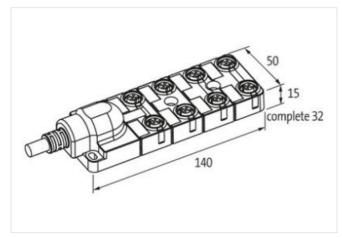
8-way, 4-pole PUR/PVC without LED, up to 125 V AC/DC 5.0 m Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

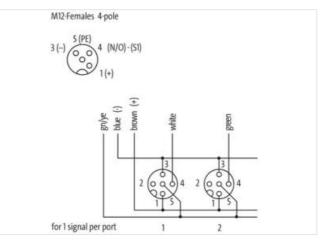
## Link to Product











Product may differ from Image





ECLASS-6.0	27143423	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	

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ECLASS-8.0	27279219
ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879054218
Packaging unit	1
Electrical data   Supply	
Operating voltage AC	125 V
Operating voltage DC	125 V
Current operating per contact max.	4 A
Installation   Connection	
Mounting set	M12 x 1
-	W12 A 1
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Device protection   Media	
Flame resistance	flame retardant
Mechanical data   Material data	
Material housing	Plastic
Mechanical data   Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	70 °C
Additional condition temperature range	depending on cable quality
Installation   Cable	
Cable identification	020
	362 2
Cable Type Jacket Color	
Type of Certificate	gray cURus
STOOW style jacket Amount stranding	Hybrid, Signal, Power
Stranding	2 wires with Filler twisted
Amount stranding (type 2)	
Stranding (type 2)	9 wires around Stranding combination twisted
Filler	
wire arrangement	yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)
Cable weigth	115,5 g/m
Material jacket	PUR
Shore hardness jacket	87 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	8,1 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	8
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	±5%

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Material properties wire insulation         good machinebility           ingredient treeness wie insulation         lead-free, cadminu-free, CFC-free, silicone-free           Amount strand, (wire)         0           Dameter of single wires         0.15 mm           Canductor crossection (wire)         0.34 mm <sup>2</sup> Material conductor wire         Strandod copper wire, bare           Conductor vise         Naterial wire insulation (Power)           User diameter wire insulation         Power)           Shore hardness wire insulation (Power)         43±5 Shore D           Material properties wire insulation (Power)         43±5 Shore D           Material conductor wire (Power)         Strandod copper wire, CPC-free, silicone-free           Amount strands wire (Power)         Strandod copper wire, bare           Conductor type wire (Power)         Strandod case 5           Travers specif (Creack)         S           <	Shore hardness wire insulation	43 ± 5 Shore D
Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands (wire)         19           Diameter of single wires         0,15 mm           Conductor crosssection (wire)         0,34 mm <sup>2</sup> Conductor vire         Stranded copper wire, bare           Conductor vire (wire)         Stranded copper wire, bare           Conductor vire insulation (Power)         PVC           Outer diameter vire insulation (Power)         1.8 mm           Tolerance outer diameter vire insulation (Power)         1.8 mm           Tolerance outer diameter vire insulation (Power)         eds/free, cadmium-free, CFC-free, silicone-free           Amount strands wire insulation (Power)         ped after, cadmium-free, CFC-free, silicone-free           Amount strands wire (Power)         0.2 mm           Wire conductor cross section (Power)         0.75 mm <sup>4</sup> Material conductor wire (Power)         0.75 mm <sup>4</sup> Material conductor wire (Power)         Stranded copper wire, bare           Conductor vipe wire (Power)         Stranded copper wire, bare           Conductor vipe (Power)         Stranded copper wire, bare           Conductor vipe (Were (Power)         Stranded copper wire, bare           Conductor vipe (Were (Power)         Stranded copper wire, bare           Conductor vise	Material properties wire insulation	
Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor or sessection (wire)         0.34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand dass 5           Material wire insulation (Power)         PCC           Outer diameter wire insulation (Power)         1.8 mm           Tolerance outer diameter wire insulation (Power)         45 %           Shore hardness wire insulation (Power)         4325 Shore D           Material wire insulation (Power)         4325 Shore D           Material properties wire insulation (Power)         add machinability           Ingredient freeness wire insulation (Power)         24           Diameter of single wires (Power)         24           Diameter of single wires (Power)         0.2 mm           Wire conductor coss section (Power)         0.2 mm           Wire conductor coss section (Power)         51 ma²           Tavel speed (Crack)         3           Travel speed (Crack)         5 m @ 25 °C           Current lad capacity (strandard)         to DI IV DE 0298 4           Current lad capacity min. wire         4 A           Electrical resistance costant wire         57 0 Km @ 20 °C           Current lad capacity min.	· ·	
Diameter of single wires         0,15 mm           Conductor crossection (vire)         0.34 mm <sup>2</sup> Material conductor wire         Strand class 5           Conductor type (wire)         Strand class 5           Material wire insulation (Power)         PVC           Outer diameter wire insulation (Power)         1,8 mm           Tolerance outer diameter wire insulation (Power)         43:5 Shore D           Material properties wire insulation (Power)         add.free, cadmium-free, CFC-free, silicone-free           Amount strands wire insulation (Power)         0,2 mm           Diameter of single wires (Power)         0,2 mm           Material properties wire insulation (Power)         0,2 mm           Wire conductor cross section (Power)         0,2 mm           Material conductor wire (Power)         0,75 mm <sup>2</sup> Material conductor wire (Power)         0,75 mm <sup>2</sup> Conductor by wire (Power)         Strand class 5           Travel speed (C-track)         3 mega Strand class 5           Travel speed (C-track)         5 m @ 25 °C           Current load capacity (standard)         to DIN VDE 0294-4           Current load capacity (standard)         to DIN VDE 0294-4           Current load capacity min. wire         4 A           Electrical resistance ince constant wire	5	
Conductor crosssection (wire)         0.34 mm <sup>4</sup> Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Stranded copper wire, bare           Conductor type (wire)         Stranded copper wire, bare           Auterial wire insulation (Power)         PVC           Outer diameter wire insulation (Power)         1.8 mm           Tolerance outer diameter wire insulation (Power)         43:5 Shore D           Material properties wire insulation (Power)         43:5 Shore D           Material properties wire insulation (Power)         god machinability           Ingredient freeness wire insulation (Power)         24           Diameter of single wires (Power)         0.2 mm           Wire conductor cross section (Power)         0.7 mm <sup>2</sup> Material conductor wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Stranded copper wire, bare           Current load capacity (standard)         to DIN VDE 0288-4           Current load capacity (standard)         to DIN VDE 0288-4           Current load capacity wire (Power)         26 Ω/km @20 °C           Electrical resistance         7.0 km @20 °C		0.15 mm
Material conductor wire         Strand doopper wire, bare           Conductor type (wire)         Strand class 5           Material wire insulation (Power)         PVC           Outer diameter wire insulation (Power)         1.8 mm           Tolerance outer diameter wire insulation (Power)         43±5 Shore D           Material wire insulation (Power)         43±5 Shore D           Material properties wire insulation (Power)         good machinability           Ingredient freeness wire insulation (Power)         24           Dameter of single wires (Power)         0.2 mm           Wire conductor wire (Power)         0.75 mm <sup>9</sup> Material conductor wire (Power)         0.75 mm <sup>9</sup> Material conductor wire (Power)         Strand class 5           Travers good standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (statc)         -30 °C           Conductor liste		0.34 mm <sup>2</sup>
Conductor type (wire)         Strand class 5           Material wire insulation (Power)         PVC           Outer diameter wire insulation (Power)         1.8 mm           Tolerance outer diameter wire insulation (Power)         43±5 Shore D           Material propresities wire insulation (Power)         43±5 Shore D           Material propresities wire insulation (Power)         64±5 Shore D           Material propresities wire insulation (Power)         64±5 Shore D           Material propresities wire insulation (Power)         24           Diameter of single wires (Power)         24           Diameter of single wires (Power)         0.7 mm           Wire conductor cross section (Power)         0.75 mm <sup>2</sup> Material conductor wire (Power)         Strand class 5           Travel speet (C-track)         3           Traversing distance (C-track)         5 m @ 25 °C           Current load capacity (standard)         to DIN VDE 0298-4           Current loa		Stranded copper wire, bare
Material wire insulation (Power)         PVC           Outer diameter wire insulation (Power)         1.8 mm           Tolerance outer diameter wire insulation (Power)         ±5 %           Shore hardness wire insulation (Power)         43±5 Shore D           Material properties wire insulation (Power)         900d machinability           Ingredient freeness wire insulation (Power)         1ead free, cadmium-free, CFC-free, silicone-free           Amount strands wire (Power)         24           Diameter of single wires (Power)         0.7 mm           Material conductor vires (Power)         0.7 mm           Material conductor wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Stranded copper wire, bare           Current load capacity fain Adard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Electrical resistance line constant wire         57 0/km @ 20 °C           Electrical resistance in constant wire         57 0/km @ 20 °C           Loop resistance         7.8 A           Max. rated voltage power (conductor - ground)		
Outer diameter wire insulation (Power)         1,8 mm           Tolerance outer diameter wire insulation (Power)         25 %           Shore hardness wire insulation (Power)         43±5 Shore D           Material properties wire insulation (Power)         good machinability           Ingredient freeness wire insulation (Power)         good machinability           Ingredient freeness wire insulation (Power)         good machinability           Ingredient freeness wire insulation (Power)         Qu'mm           Amount strands wire (Power)         Qu'mm           Use orductor cross section (Power)         0,75 mm²           Material conductor wire (Power)         Strand doss 5           Travel speed (C-track)         3           Travel speed (C-track)         5 m @ 25 °C           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (wire (Power)         26 Ωkm @20 °C           Electrical resistance conting wire (Power)         28 Ωkm @20 °C           Loop resistance         7,8 A           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         300 °C           Power frequency withstand voltage power (wire - wire)         2 kV @ 60 s <t< td=""><td></td><td></td></t<>		
Tolerance outer diameter wire insulation (Power)         ±5 %           Shore hardness wire insulation (Power)         43±5 Shore D           Material properties wire insulation (Power)         god machinability           Ingredient freeness wire insulation (Power)         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands wire (Power)         24           Diameter of single wires (Power)         0,2 mm           Wire conductor cross section (Power)         0,75 mm <sup>2</sup> Material conductor wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Stranded copper wire, bare           Conductor wire (Power)         Stranded copper wire, bare           Carditor totage active (Power)         Stranded copper wire, bare           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Electrical resistance (cartack)         5 m @ 25 °C           Loop resistance         7,8 A           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)		
(Power)         ±5 %           Shore hardness wire insulation (Power)         900 machinability           Ingredient freeness wire insulation (Power)         900 machinability           Ingredient freeness wire insulation (Power)         24           Diameter of single wires (Power)         24           Material properties wire insulation (Power)         0.2 mn           Wire conductor cross section (Power)         0.75 mm²           Material conductor wire (Power)         Strande dopper wire, bare           Conductor type wire (Power)         Strande class 5           Traversing distance (C-track)         3 m @ 25 °C           Current load capacity min. wire         4 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Loop resistance         7.8 A           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (fixed)         30 °C           Operation temperature (fixed)         30 °C           Operating temperature (fixed)         5 °C           Operating temperature (fixed)         5 °C	. ,	1,0 mm
Material properties wire insulation (Power)         good machinability           Ingredient freeness wire insulation (Power)         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands wire (Power)         24           Diameter of single wires (Power)         0,2 mm           Wire conductor cross section (Power)         0,75 mm²           Material conductor wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Strand class 5           Traversing distance (C-track)         3           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Electrical resistance line constant wire         57 0/km @ 20 °C           Loop resistance         7,8 A           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (statc)         30 °C           Operating temperature (statc)		±5 %
Ingredient freeness wire insulation (Power)         lead-free, cadmium-free, CFC-free, silicone-free           Amount strands wire (Power)         24           Diameter of single wires (Power)         0,2 mm           Wire conductor cross section (Power)         0,75 mm²           Material conductor wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Strand class 5           Travel speed (C-track)         3           Traversing distance (C-track)         5 m @ 25 °C           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity (standard)         to DIN VDE 0298-4           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Loop resistance         7,8 A           Max. rated voltage power (conductor - ground)         300 V           Max. rated voltage power (conductor - ground)         300 V           Max. nated voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (statc)         -30 °C           Max. operating temperature (statc)         -30 °C           Max. rated voltage power (wire - wire)         2 kV @ 60 s           Min. operating temperature (statc)         -30 °C           Max. operating	Shore hardness wire insulation (Power)	43±5 Shore D
Amount strands wire (Power)       24         Diameter of single wires (Power)       0,2 mm         Wire conductor cross section (Power)       0,75 mm²         Material conductor wire (Power)       Stranded copper wire, bare         Conductor type wire (Power)       Stranded copper wire, bare         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4 A         Electrical resistance constant wire       57 Ω/km @ 20 °C         Loop resistance       7,8 A         Max. rated voltage power (conductor - ground)       300 V         Power frequency withstand voltage power (wire - ground)       300 V         Power frequency withstand voltage power (wire - wire)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (static)	Material properties wire insulation (Power)	good machinability
Diameter of single wires (Power)       0,2 mm         Wire conductor cross section (Power)       0,75 mm²         Material conductor wire (Power)       Stranded copper wire, bare         Conductor type wire (Power)       Strand class 5         Travel speed (C-track)       3         Traversing distance (C-track)       5 m @ 25 °C         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity (standard)       to DIN VDE 029C         Loop resistance       7,8 A         Max. rated voltage power (conductor - ground)       300 V         Max. rated voltage power (conductor - ground)       300 V         Power frequency withstand voltage power (wire - wire)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C <t< td=""><td>Ingredient freeness wire insulation (Power)</td><td>lead-free, cadmium-free, CFC-free, silicone-free</td></t<>	Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Wire conductor cross section (Power)       0,75 mm²         Material conductor wire (Power)       Stranded copper wire, bare         Conductor type wire (Power)       Strand class 5         Travel speed (C-track)       3         Traversing distance (C-track)       5 m @ 25 °C         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity (standard)       26 Ω/km @ 20 °C         Electrical resistance line constant wire       57 Ω/km @ 20 °C         Loop resistance       7.8 A         Max. rated voltage power (conductor - ground) 300 V         Max. rated voltage power (conductor - ground) 300 V         Power frequency withstand voltage power (conductor - out of a son V         Ac withstand voltage power (wire - wire)       2 kV @ 60 s         Max. operating temperature (static)       -30 °C         Max. operating temperature (static)       -30 °C         Max. operating temperature (static)       -5 °C         Operating temperature min. (dynamic)       -5 °C <td>Amount strands wire (Power)</td> <td>24</td>	Amount strands wire (Power)	24
Material conductor wire (Power)       Stranded copper wire, bare         Conductor type wire (Power)       Strand class 5         Travel speed (C-track)       3         Traversing distance (C-track)       5 m @ 25 °C         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4 A         Electrical resistance line constant wire       57 Ω/km @ 20 °C         Loop resistance coating wire (Power)       26 Ω/km @ 20 °C         Loop resistance       7.8 A         Max. rated voltage power (conductor - ground)       300 V         Max. rated voltage power (conductor - ground)       300 V         Max. rated voltage power (wire - wire)       2 kV @ 60 s         Mir. operating temperature (static)       -30 °C         Max. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature (fixed)       80 °C         Operating temperature (fixed)       80 °C         Operating temperature (fixed)       70 °C         Flame resistance       UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Gasoline resistance	Diameter of single wires (Power)	0,2 mm
Conductor type wire (Power)       Strand class 5         Travel speed (C-track)       3         Traversing distance (C-track)       5 m @ 25 °C         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4 A         Electrical resistance line constant wire       57 Ω/km @ 20 °C         Electrical resistance coating wire (Power)       26 Ω/km @20 °C         Loop resistance       7.8 A         Max. rated voltage power (conductor - ground)       300 V         Max. rated voltage power (conductor - conductor - conductor)       300 V         Power frequency withstand voltage power       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (static)       -30 °C         Operating temperature (ised)       80 °C         Operating temperature (static)       -5 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       70 °C         Flame resistance       UL 1581 § 1900   IEC 60332-2-2   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Gasoline	Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
Travel speed (C-track)       3         Traversing distance (C-track)       5 m @ 25 °C         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4 A         Electrical resistance line constant wire       57 Ω/km @ 20 °C         Electrical resistance coating wire (Power)       26 Ω/km @20 °C         Loop resistance       7.8 A         Max. rated voltage power (conductor - ground)       300 V         Max. rated voltage power (conductor - ground)       300 V         Power frequency withstand voltage power (conductor - ground)       300 V         Power frequency withstand voltage power (wire - wire)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       70 °C         Flame resistance       UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing	Material conductor wire (Power)	Stranded copper wire, bare
Traversing distance (C-track)       5 m @ 25 °C         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       4 A         Electrical resistance line constant wire       57 Ω/km @ 20 °C         Electrical resistance coating wire (Power)       26 Ω/km @ 20 °C         Loop resistance       7,8 A         Max. rated voltage power (conductor - ground)       300 V         Max. rated voltage power (conductor - ground)       300 V         Power frequency withstand voltage power (wire - wire)       2 kV @ 60 s         Kin. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       -70 °C         Flame resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oli resistance       Good, application-related testing	Conductor type wire (Power)	Strand class 5
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4 AElectrical resistance line constant wire57 Ω/km @ 20 °CElectrical resistance coating wire (Power)26 Ω/km @20 °CLoop resistance7,8 AMax. rated voltage power (conductor - ground)300 VMax. rated voltage power (conductor - ground)300 VPower frequency withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (fixed)80 °COperating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing	Travel speed (C-track)	3
Current load capacity min. wire       4 A         Electrical resistance line constant wire       57 Ω/km @ 20 °C         Electrical resistance coating wire (Power)       26 Ω/km @20 °C         Loop resistance       7,8 A         Max. rated voltage power (conductor - ground)       300 V         Max. rated voltage power (conductor - conductor)       300 V         Power frequency withstand voltage power (wire - wire)       2 kV @ 60 s         AC withstand voltage power (wire - wire)       2 kV @ 60 s         Max. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature (mix (dynamic))       -5 °C         Operating temperature max. (dynamic)       70 °C         Flame resistance       UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing	Traversing distance (C-track)	5 m @ 25 °C
Electrical resistance line constant wire       57 Ω/km @ 20 °C         Electrical resistance coating wire (Power)       26 Ω/km @20 °C         Loop resistance       7,8 A         Max. rated voltage power (conductor - ground)       300 V         Max. rated voltage power (conductor - ground)       300 V         Power frequency withstand voltage power (conductor - conductor)       300 V         Power frequency withstand voltage power (wire - wire)       2 kV @ 60 s         Min. operating temperature (static)       -30 °C         Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       70 °C         Flame resistance       UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance coating wire (Power)26 Ω/km @20 °CLoop resistance7,8 AMax. rated voltage power (conductor - ground)300 VMax. rated voltage power (conductor - ground)300 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistan	Current load capacity min. wire	4 A
Loop resistance7,8 AMax. rated voltage power (conductor - ground)300 VMax. rated voltage power (conductor - conductor)300 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing	Electrical resistance line constant wire	57 Ω/km @ 20 °C
Loop resistance7,8 AMax. rated voltage power (conductor - ground)300 VMax. rated voltage power (conductor - conductor)300 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing	Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Max. rated voltage power (conductor - ground)300 VMax. rated voltage power (conductor - conductor)300 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing		7.8 A
Max. rated voltage power (conductor - conductor)300 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing	Max. rated voltage power (conductor - ground)	300 V
Power frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing	Max. rated voltage power (conductor -	300 V
AC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing		2 kV @ 60 s
Min. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing		2 kV @ 60 s
Max. operating temperature (fixed)       80 °C         Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       70 °C         Flame resistance       UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Oil resistance       Good, application-related testing		
Operating temperature min. (dynamic)       -5 °C         Operating temperature max. (dynamic)       70 °C         Flame resistance       UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Oil resistance       Good, application-related testing		2° 08
Operating temperature max. (dynamic)       70 °C         Flame resistance       UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Oil resistance       Good, application-related testing		
Flame resistance       UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2         chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing         Oil resistance       Good, application-related testing   DIN EN 60811-404		70 °C
chemical resistance       Good, application-related testing         Gasoline resistance       Good, application-related testing         Oil resistance       Good, application-related testing   DIN EN 60811-404		
Gasoline resistance     Good, application-related testing       Oil resistance     Good, application-related testing   DIN EN 60811-404		
Oil resistance Good, application-related testing   DIN EN 60811-404		
Bending radius (fixed) 5 x Outer diameter		
Bending radius (dynamic)       10 x Outer diameter         Connection type 2       10 x Outer diameter		
Family construction form free cable end		free cable end
No. of poles         11		
Family construction form M12		
·	· · · · · · · · · · · · · · · · · · ·	
Gender female		
Color contact carrier black		
Coding A		
No. of poles 4		
PIN 1 +		
PIN 2 n.c.		11.6.

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PIN 3	-
PIN 4	NO S 1
PIN 5	PE

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