

## **EXACT12, 8XM12, 4 POLE, MOULDED CABLE**

20.0m PUR/PVC 8x0.34+3x0.75, UL/CSA

8-way, 4-pole PUR/PVC

Further cable lengths on request.

20.0 m

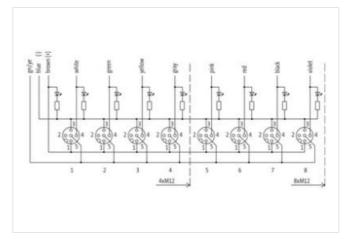
Plastic housings with good resistance against chemicals and oils.

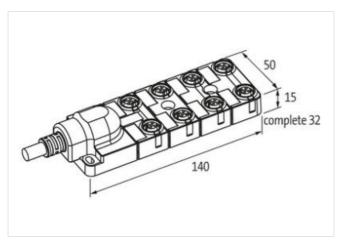
The resistance to aggressive media should be individually tested for your application. Further details on request.

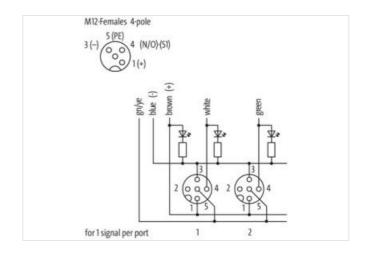
## **Link to Product**

## Illustration









Product may differ from Image









Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	



stay connected

ECLASS-9-0 27440108  ECLASS-11 27440108  ECLASS-12 27440108  ECLASS-12 27440108  ETM-5 20 27440108  ELectrical datal Supply  Operating voltage DC 24 V  Current operating per contact max. 4 A  Installation   Connection  Murring and Marker		
ECLASS-120   27440108   ECLASS-120   27440108   ECLASS-120   27440108   ECLASS-120   27440108   ECLASS-120   27440108   ECLASS-120		
ECLASS-12.0         27440108           ETIM 5.0         EC002568           customs tariff number         85444290           GTN         4048878281019           Packaging unit         1           Electrical data   Supply           Operating voltage DC         24 V           Current operating per contact max.         4 A           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Degree of protection   FM ECI BOS29         IP65, IP67           Device protection   Media           Filter resistance         flame retardant           Mechanical data   Mounting data           Material Material data           Material Material data           Material Mounting data           Mounting method           Schraubgewinde           Environmental characteristics   Civitation           Operating temperature min.         -20 °C           Operating temperature min.		
ETMA 5.0         EC0002685           Customs tariff number         85444230           GTIN         4048872291019           Packaging unit         1           Electrical data   Suppty           Operating voltage DC         24 V           Current operating per contact max.         4 A           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical           Degree of protection   Electrical         Pless   PP7           Device protection   Electrical           Device protection   Modes           Flam resistance         flame retardant           Mechanical data   Material data           Meterial housing         Plastic           Mechanical data   Mounting data           Mounting method         Schraubgewinde           Environmental characteristics   Climatic           Operating temperature max.         70 °C           Additional Condition temperature max.         70 °C           Additional Condition temperature range         depending on cable quality           Entail facilities         20 °C           Cable Identification         362           Cable Identification         362 </td <td></td> <td></td>		
customs tariff number         85444290           GTN         4048879291019           Packaging unit         1           Electrical data   Supply         Current operating per contact max           Current operating per contact max         4 A           Installation   Connection         Mounting set           Device protection   Electrical         Degree of protection   Media           Farme resistance         flame retardant           Mechanical data   Material data         Material housing           Mechanical data   Mounting data         Schraubgewinde           Mounting method         Schraubgewinde           Environmental characteristica   Climatic         Operating temperature min.           Operating temperature max.         70 °C           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         S2           Cable type         2           Function cable         Hybrid, Signal, Power           Jacket Color         gray           Type of Cortificate         cURus           Amount stranding         1           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         3		
GTIN 464878231019 Packaging unit 1 Packaging unit 1 Packaging unit 1 Packaging working 1 Current operating per contact max. 4 A Current operating per contact max. 4 A Mounting set M12 x 1  Device protection [Electrical Degree of protection (EN IEC 60529)   IP65, IP67  Device protection [Media   IP65, IP67  Device protection   Media   IP65, IP67  Machanical data   Mounting data   IP65, IP67  Machanical data   Mounting data   IP65, IP67  Device protection   IP66, IP67  Device protection   IP66, IP67  Device protection   IP66, IP67  Device protection   IP67, IP67  Device protection   IP67,		
Packaging unit   I		
Correct gorating per contact max.   24 V		
Operating voltage DC 24 V  Current operating per contact max. 4 A  Installation   Connection  Muoning set	Packaging unit	1
Current operating per contact max. 4 A  Installation   Connection  Mounting set	Electrical data   Supply	
Mounting set   M12 x 1		24 V
Mounting set M12 x 1  Device protection   Electrical   Degree of protection   Electrical   Degree of protection   Media   Filame resistance   flame retardant   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   362   Cable Type   2   Function cable   Hybrid, Signal, Power   Jacket Color   gray   Type of Certificate   cURus   Amount stranding   1   Stranding   2 wires with Filler twisted   Amount stranding (type 2)   9 wires around Stranding combination twisted   Filler   yes   wire arrangement   white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)   Cable weight   115,5 g/m   Material jacket   PUR   Shore hardness jacket   PUR   Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free   Outer-diameter (jacket)   9 ray   Material inner jacket   PVC   Color (inner jacket)   gray   Material inner jacket   PVC   Color (inner jacket)   gray   Material inner jacket   PVC   Color (inner jacket)   gray   Material inner jacket   PVC   Amount wires   8	Current operating per contact max.	4 A
Device protection   Electrical  Degree of protection   Electrical  Device protection   Media  Flame resistance   flame retardant  Material housing   Plastic  Mechanical data   Material data  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  Environmental characteristics   Climatic  Operating temperature max. 70 °C  Additional condition temperature range   depending on cable quality  Installation   Cable  Function cable   Hybrid, Signal, Power  Jacket Color   gray  Type of Certificate   cuPrus  Amount stranding   1  Stranding   2 wires with Filler twisted  Amount stranding (type 2)   9 wires around Stranding combination twisted  Filler   yes    View with filler twisted  Amount stranding   115,5 g/m  Material jacket   PUR  Material jacket   PUR  Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket)   8,1 mm  Tolerance outer climater (sheath)   5%  Material inner jacket   PVC  Color (inner jacket)   gray  Material inner jacket   PVC  Color (inner jacket)   PVC  Amount wires   8	Installation   Connection	
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   382   Cable identification   382   Cable identification   382   Installation   Gerifficate   Lybrid, Signal, Power   Jacket Color   gray   Type of Certificate   cURus   Amount stranding   1   Stranding   2 wires with Filler twisted   Amount stranding (type 2)   1   Stranding (type 2)   9 wires around Stranding combination twisted   Filler   yes   wire arrangement   white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)   Cable weight   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   Amount wires   8	Mounting set	M12 x 1
Pevice protection   Media   Flame resistance   ffame retardant   Mechanical data   Material data   Material housing   Plastic   Mechanical data   Mounting data   Mounting method   Schraubgewinde   Environmental characteristics   Climatic   Operating temperature min.	Device protection   Electrical	
Pevice protection   Media   Flame resistance   ffame retardant   Mechanical data   Material data   Material housing   Plastic   Mechanical data   Mounting data   Mounting method   Schraubgewinde   Environmental characteristics   Climatic   Operating temperature min.	Degree of protection (EN IEC 60529)	IP65. IP67
Flame resistance flame retardant  Mechanical data   Material data  Material housing Plastic  Mechanical data   Mounting data  Mounting method Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min.		
Mechanical data   Material housing         Plastic           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Coperating temperature min.         -20 °C           Operating temperature max.         70 °C         Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification         362         Cable identification cable         Hybrid, Signal, Power           Jacket Color         gray         Type of Certificate         URus           Amount stranding         1         1           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         9 wires around Stranding combination twisted           Filler         yes           wire arrangement         white, volet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)           Cable weight         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-cliameter (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-cliameter (jacket)         gray <tr< td=""><td></td><td>flome veterdent</td></tr<>		flome veterdent
Metanical data   Mounting data   Mounting method Schraubgewinde   Environmental characteristics   Climatic   Operating temperature min20 °C   Operating temperature max. 70 °C   Additional condition temperature range depending on cable quality   Installation   Cable   Cable identification 362   Cable identification 362   Cable identification 362   Cable Type 2   Function cable Hybrid, Signal, Power   Jacket Color gray   Type of Certificate cURus   Amount stranding 1   Stranding 2 wires with Filler twisted   Amount stranding (type 2) 1   Stranding (type 2) 9   Stranding (type 2) 9   Wires around Stranding combination twisted   Filler yes   Wire arrangement 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) 8,1 mm   Tolerance outer diameter (sheath) ± 5 %   Material inner jacket PVC   Color (inner jacket) gray   Material inner jacket PVC   Color (inner jacket) gray   Material wire insulation PVC   Amount wires 8		name retardant
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           Cable identification         362           Cable of Type         2           Function cable         Hybrid, Signal, Power           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires with Filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         9 wires around Stranding combination twisted           Filler         yes           wire arrangement         white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)           Cable weigth         115,5 g/m           Material jacket         PUR           Shore hardness jacket         PVE           Outer-diameter (jacket)         8,1 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation </td <td>Mechanical data   Material data</td> <td></td>	Mechanical data   Material data	
Mounting method Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 70 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 362  Cable identification 362  Cable Type 2  Function cable Hybrid, Signal, Power  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 2 wires with Filler twisted  Amount stranding (type 2) 1  Stranding (type 2) 9 wires around Stranding combination twisted  Filler yes  wire arrangement white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)  Cable weigth 115,5 g/m  Material jacket PUR  Shore hardness jacket PUR  Material wire insulation PVC  Amount wires 8	Material housing	Plastic
Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 70 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 362  Cable Type 2  Function cable Hybrid, Signal, Power  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 2 wires with Filler twisted  Amount stranding (type 2) 9 wires around Stranding combination twisted  Filler yes  wire arrangement 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	Mechanical data   Mounting data	
Operating temperature min.  -20 °C Operating temperature max.  70 °C Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification  362 Cable Type  2 Function cable Hybrid, Signal, Power Jacket Color gray  Type of Certificate  Amount stranding  1 Stranding 2 wires with Filler twisted  Amount stranding (type 2)  Filler yes wire arrangement 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) Material inner jacket PVC Color (inner jacket) Graph General Service Ge	Mounting method	Schraubgewinde
Operating temperature max.     70 °C       Additional condition temperature range     depending on cable quality       Installation   Cable       Cable identification     362       Cable Type     2       Function cable     Hybrid, Signal, Power       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     2 wires with Filler twisted       Amount stranding (type 2)     1       Stranding (type 2)     9 wires around Stranding combination twisted       Filler     yes       wire arrangement     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	Environmental characteristics   Climatic	
Additional condition temperature range   depending on cable quality	Operating temperature min.	-20 °C
Cable identification 362 Cable Type 2 Function cable Hybrid, Signal, Power Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 2 wires with Filler twisted Amount stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Filler yes wire arrangement 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	Operating temperature max.	70 °C
Cable identification 362 Cable Type 2 Function cable Hybrid, Signal, Power Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 2 wires with Filler twisted Amount stranding (type 2) 1 Stranding (type 2) 9 wires around Stranding combination twisted Filler yes wire arrangement 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	Additional condition temperature range	depending on cable quality
Cable Type     2       Function cable     Hybrid, Signal, Power       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     2 wires with Filler twisted       Amount stranding (type 2)     1       Stranding (type 2)     9 wires around Stranding combination twisted       Filler     yes       wire arrangement     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	Installation   Cable	
Cable Type     2       Function cable     Hybrid, Signal, Power       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     2 wires with Filler twisted       Amount stranding (type 2)     1       Stranding (type 2)     9 wires around Stranding combination twisted       Filler     yes       wire arrangement     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	Cable identification	362
Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     2 wires with Filler twisted       Amount stranding (type 2)     1       Stranding (type 2)     9 wires around Stranding combination twisted       Filler     yes       wire arrangement     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	Cable Type	
Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     2 wires with Filler twisted       Amount stranding (type 2)     1       Stranding (type 2)     9 wires around Stranding combination twisted       Filler     yes       wire arrangement     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	Function cable	Hybrid, Signal, Power
Type of Certificate cURus  Amount stranding 1  Stranding 2 wires with Filler twisted  Amount stranding (type 2) 1  Stranding (type 2) 9 wires around Stranding combination twisted  Filler yes  wire arrangement 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	Jacket Color	
Stranding 2 wires with Filler twisted  Amount stranding (type 2) 1  Stranding (type 2) 9 wires around Stranding combination twisted  Filler yes  wire arrangement 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	Type of Certificate	
Stranding 2 wires with Filler twisted  Amount stranding (type 2) 1  Stranding (type 2) 9 wires around Stranding combination twisted  Filler yes  wire arrangement 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	Amount stranding	1
Stranding (type 2)  9 wires around Stranding combination twisted  Filler  yes  wire arrangement  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		2 wires with Filler twisted
Filler       yes         wire arrangement       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	Amount stranding (type 2)	1
wire arrangement 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	Stranding (type 2)	9 wires around Stranding combination twisted
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		yes
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	wire arrangement	white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)
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	Cable weigth	115,5 g/m
Freedom from ingredients (jacket)  Outer-diameter (jacket)  8,1 mm  Tolerance outer diameter (sheath)  45 %  Material inner jacket  PVC  Color (inner jacket)  gray  Material wire insulation  PVC  Amount wires  8	Material jacket	PUR
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	Shore hardness jacket	87 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 %  Material inner jacket PVC  Color (inner jacket) gray  Material wire insulation PVC  Amount wires 8	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 8	Outer-diameter (jacket)	8,1 mm
Color (inner jacket) gray  Material wire insulation PVC  Amount wires 8	Tolerance outer diameter (sheath)	±5%
Material wire insulation PVC Amount wires 8	Material inner jacket	PVC
Amount wires 8		gray
	Material wire insulation	PVC
Outer diameter insulation 1.3 mm	Amount wires	8
	Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation ± 5 %	Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation $43 \pm 5$ Shore D		
Material properties wire insulation good machinability	Material properties wire insulation	good machinability



stay connected

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 mm²
Material conductor wire	Stranded copper 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)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount wires (Power)	3
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
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 (standard)  Current load capacity min. wire	4 A
Current carrying capacity min. wire (Power)	7,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 Ω/km @20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° ℃
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   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	10 m/s @ 25 °C
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	4
PIN 1	+
PIN 2	n.c.
PIN 3	-
	NO S 1
	n.c. - NO S 1

Product-PDF for Article 8000-88410-3622000



PΕ