

## **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.

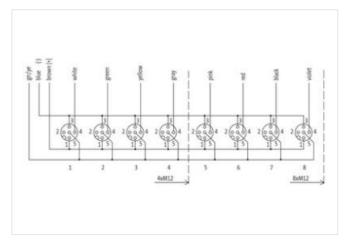
Plastic housings with good resistance against chemicals and oils.

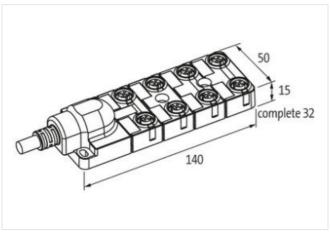
The resistance to aggressive media should be individually tested for your application. Further details on request.

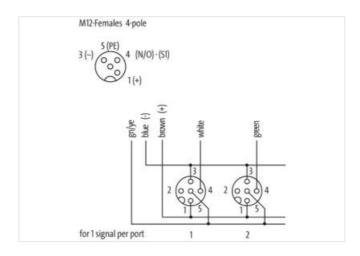
## **Link to Product**

## Illustration









Product may differ from Image









Commercial da	ta
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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
Device protection   Electrical	WILL
	IDOS IDOS
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	- Containing of the Containing
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
Jacket Color	gray
Type of Certificate	cURus
STOOW style jacket	Hybrid, Signal, Power
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
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	± 5 %



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Shore hardness wire insulation   4 ± 5 Store D		
Ingredient freeness wire insulation   Ingrithen freeness wire insulation   Ingrithen freeness wire insulation   Ingrithen freeness wire insulation (Power)   Ingredient or Ingrithense wire insulation (Power)   Ingredient freeness wire insulation (Pow	Shore hardness wire insulation	43 ± 5 Shore D
Amount stands (viril)   19	Material properties wire insulation	good machinability
Damater of single wires	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor possection (wire)   0.34 mm²   Saranded copper wine, bare	Amount strands (wire)	19
Material conductor wire         Standed copper wire, barre           Conductor type (wire)         Sarvad class 5           Material wire insulation (Power)         PVC           Outer diameter wire insulation (Power)         1.8 mm           Toferance outer diameter wire insulation (Power)         45 %           Marterial properhies wire insulation (Power)         45 %           Marterial properhies wire insulation (Power)         43 ½ 5 horo D           Marterial properhies wire insulation (Power)         42 does not necessary (Power)           Marterial properhies wire insulation (Power)         24           Danneter of single wires (Power)         2 mm           Wire conductor ross section (Power)         0.75 mm²           Material conductor wire (Power)         5 mm @ 25 °C           Conductor type wire (Power)         5 mm @ 25 °C           Traversing distinct (C track)         5 m @ 25 °C           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - conductor)         300 V           Current load capacity rim, wire         4 A           Electrical resistance line constant wire         4 A           Electrical resistance locating wire (wire)         2 f C km @ 20 °C           Power frequency withstand voltage (wire - wire)         2 kW @ 60 s	Diameter of single wires	0,15 mm
Strand class 5   Material wire insulation (Power)   PVG	Conductor crosssection (wire)	0,34 mm²
Material wire insulation (Power) Outer diameter wire insulation (Power) 1.8 mm 1.8 mm 1.7 became outer dameter wire insulation (Power) All diameter wire insulation (Power) Material properties wire insulation (Power) Material productor ones wire insulation (Power) Material conductor ones wire insulation (Power) Material conductor ones wire insulation (Power) Material conductor wire (Power) Max. rated voltage (conductor - ground) Max. rated voltage (wire wire) Max. rated voltage (wire) Ma	Material conductor wire	Stranded copper wire, bare
Outer dameter wire insulation (Power)         1,8 mm           Tolerance outer dameter wire insulation (Power)         45 %           Shore hardness wire insulation (Power)         45 %           Shore partness wire insulation (Power)         Jean (Power)           Ingredient fremess wire insulation (Power)         Jean (Power)           Amount stands wire (Power)         24           Amount stands wire (Power)         0,75 mm²           Wire conductor cross section (Power)         0,75 mm²           Material conductor wire (Power)         5 man (Power)           All conductor (Power)         5 man (Power)           Material conductor wire (Power)         5 man (Power)           Material conductor wire (Power)         5 man (Power)           Material conductor wire (Power)         5 man (Power)           Max radad vollage (conductor - conductor)         300 V           Max radad vollage (conductor - ground)         300 V           Max radad vollage (conductor - ground)         300 V           Max radad vollage (conductor - ground)         10 IN VIDE (288-4           Current load capacity min. wire         4 A           Electrical resistance (incorresistant wire         2 EV (@ 60 s           Current load capacity (standard)         2 EV (@ 60 s           Power (requency withstand vollage (wire partial	Conductor type (wire)	Strand class 5
Tolerance outer diameter wire insulation (Power)   43±5 Shore D	Material wire insulation (Power)	PVC
(Fower      45 %	Outer diameter wire insulation (Power)	1,8 mm
Material properties whe insulation (Power) Ingredient freeness wie insulation (Power) Ingredient freeness wie insulation (Power) Ingredient freeness wie insulation (Power) 24 Dameter of single wires (Power) 25 Dameter of single wires (Power) 26 Dameter of single wires (Power) 27 Dameter of single wires (Power) 28 Diameter of single wires (Power) 29 Diameter of single wires (Power) 20 Diameter of Single Conductor of Single Open wire, bare 21 Diameter of Single Conductor		±5 %
Ingredient freeness wire insulation (Power)   Lead-free, cadmium-free, CFC-free, silicone-free	Shore hardness wire insulation (Power)	43±5 Shore D
Amount strands wire (Power)         24           Diameter of single wires (Power)         0.2 mm           Material conductor wire (Power)         0.75 mm²           Material conductor wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Strand class 5           Travel speed (C-track)         5 m @ 25 °C           Travel speed (C-track)         30           Max. rated voltage (conductor - conductor)         300 V           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 coating wire (Power)         26 Ωkm @ 20 °C           Electrical resistance wire (Power)         26 Ωkm @ 20 °C           Electrical resistance coating wire (Power)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Loop resistance         7,8 A           Min. operating temperature (static)         -30 °C           Max. operating temperature (static)         -30 °C           Max. operating temperature min. (dynamic)         5 °C           Operating temperature min. (dynamic)         5 °C <td>Material properties wire insulation (Power)</td> <td>good machinability</td>	Material properties wire insulation (Power)	good machinability
Diameter of single wires (Power)   0,2 mm	Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Wire conductor cross section (Power)         0,75 mm²           Material conductor wine (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Strand class 5           Traversing distance (C-track)         5 m @ 25 °C           Travel speed (C-track)         3           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Electrical resistance ine constant wire         57 Ω/km @ 20 °C           Electrical resistance coating wire (Power)         2 k Q € 0s °C           Electrical resistance coating wire (Power)         2 k V @ 60 s °C           Power frequency withstand voltage (wire - wire)         2 k V @ 60 s °C           Power frequency withstand voltage (wire - wire)         2 k V @ 60 s °C           Power frequency withstand voltage (wire - wire)         2 k V @ 60 s °C           Power frequency withstand voltage (wire - wire)         2 k V @ 60 s °C           Power frequency withstand voltage (wire - wire)         2 k V @ 60 s °C           Power frequency (wind)         30 °C           Max. operating temperature (fixed)         30 °C           Operating temperature max. (dynamic)         7	Amount strands wire (Power)	24
Material conductor wire (Power)         Stranded copper wire, bare           Conductor type wire (Power)         Strand class 5           Traversing distance (C-track)         5 m @ 25 °C           Travel speed (C-track)         3           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - ground)         500 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Electrical resistance loating wire (Power)         26 Ωkm @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - properties)         2 kV @ 60 s           Loop resistance         7,8 A           Min. operating temperature (static)         -30 °C           Operating temperature max. (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           Oil resistance	Diameter of single wires (Power)	0,2 mm
Conductor type wire (Power)         Strand class 5           Traversing distance (C-track)         5 m @ 25 ° C           Traver speed (C-track)         3           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Electrical resistance ine constant wire         57 Ωkm @ 20 ° C           Electrical resistance ine constant wire         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Loop resistance         7.8 A           Min. operating temperature (fixed)         30 ° C           Max. operating temperature (fixed)         80 ° C           Operating temperature min. (dynamic)         70 ° C           Flame resistance         UL 1581 § 1990   IEC 60332-2-2   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Oil resistance	Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
Traversing distance (C-track)   S m @ 25 °C   Travel speed (C-track)   3   Max. rated voltage (conductor - conductor)   Max. rated voltage (conductor - ground)   300 V   Max. rated voltage (conductor - ground)   300 V   Current load capacity (standard)   10 DIN VDE 0298-4   Current load capacity (standard)   10 DIN VDE 0298-4   Current load capacity (standard)   15 DIN VDE 0298-4   Current load capacity (standard)   15 DIN VDE 0298-4   Current load capacity (standard)   26 Ω/km @20 °C   Electrical resistance ine 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    Max. operating temperature (static)   30 °C   Max. operating temperature (static)   30 °C   Max. operating temperature (fixed)   80 °C   Operating temperature max. (dynamic)   -5 °C   Operating temperature max. (dynamic)   -5 °C   Coperating temperature max. (dynamic)   -6 °C   Gasoline resistance   Good, application-related testing   Gasoline resistance   Good, application-related testing   Gir resistance   Good, application-related testing   Din Resistance   Good, application-related testing   Bending radius (fixed)   5 × Outer diameter   Bending radius (fixed)   5 × Outer diameter   Bending radius (fixed)   2 Mio. @ 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   PiN 1   + PiN 2   PiN 1   + PiN 2   Pin 2   Pin 3   Pin 3   Pin 4   Pin 4   Pin 5   Pin 5   Pin 6   Pin 7   Pin 8   Pin 7   Pin 9   Pin 9   Pin 1   + Pin 9   Pin 1   Pin 9	Material conductor wire (Power)	Stranded copper wire, bare
Travel speed (C-track)         3           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)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Electrical resistance coating wire (Power)         26 №m @20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - yielocket)         2 kV @ 60 s           Loop resistance         7.8 A           Min. operating temperature (static)         40 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         70 °C           Flame resistance         U. I 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2           Chemical resistance         Good, application-related testing           Oil resistance         Good, application-related testing           Oil resistance         Good, application-related testing   DIN EN 60811-404           Bending radius (fixed)         5 × Outer diameter           Bending radius (fixed)         5 × Outer diameter           Family construction form         free cable end           No. of poles	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 min. wire         4 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 - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Loop resistance         7.8 A           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 § 1909   IEC 60332-2.2   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Oil resistance         Good, application-related testing           Oil resistance         Good, application-related testing           Oil resistance         Good, application-related testing           Bending radius (fixed)         5 x Outer diameter	Traversing distance (C-track)	5 m @ 25 °C
Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 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 - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Loop resistance         7.8 A           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 § 1909   IEC 60332-2.2   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Oil resistance         Good, application-related testing           Oil resistance         Good, application-related testing           Oil resistance         Good, application-related testing           Bending radius (fixed)         5 x Outer diameter	Travel speed (C-track)	3
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           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - jacket)         2 kV @ 60 s           Loop resistance         7,8 A           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           Gil 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           Connection type 2         Family construction form         free cable end           No. of poles         11		300 V
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           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - jacket)         2 kV @ 60 s           Loop resistance         7,8 A           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           Gil 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           Connection type 2         Family construction form         free cable end           No. of poles         11	Max. rated voltage (conductor - ground)	300 V
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 - gacket) 2 kV @ 60 s Loop resistance 7.8 A 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 § 1901 [EC 60332-2-2   UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing   DIN EN 60811-404 Bending radius (fixed) 5 × Outer diameter Bending radius (dynamic) 10 × Outer diameter No. of bending cycles (C-track) 2 Mio. @ 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.		to DIN VDE 0298-4
Electrical resistance coating wire (Power)  AC withstand voltage (wire - wire)  2 kV @ 60 s  Power frequency withstand voltage (wire - iacket)  Loop resistance  7,8 A  Min. operating temperature (static)  ABA:  Min. operating temperature (static)  7,8 A  Min. operating temperature (static)  ABA:  Min. 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   DIN EN 60811-404  Bending radius (fixed)  5 x Outer diameter  Bending radius (dynamic)  No. of bending cycles (C-track)  2 Mio. @ 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.	Current load capacity min. wire	4 A
AC withstand voltage (wire - wire)  2 kV @ 60 s  Power frequency withstand voltage (wire - jacket)  Loop resistance  7,8 A  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  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  Connection type 2  Family construction form  M12  Gender  female  Color contact carrier  black  Coding  A  No. of poles  4  PIN 1  + PIN 2  n.c.	Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)  2 kV @ 60 s  Power frequency withstand voltage (wire - jacket)  Loop resistance  7,8 A  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  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  Connection type 2  Family construction form  M12  Gender  female  Color contact carrier  black  Coding  A  No. of poles  4  PIN 1  + PIN 2  n.c.	Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Loop resistance   7,8 A	AC withstand voltage (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)  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   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. ② 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.		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  Gil 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  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.	Loop resistance	7,8 A
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) 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  Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 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.	Min. operating temperature (static)	-30 °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  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.	Max. operating temperature (fixed)	80 °C
Flame resistance  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  chemical resistance  Good, application-related testing  Gir 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  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.	Operating temperature min. (dynamic)	-5 °C
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  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.	Operating temperature max. (dynamic)	70 °C
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  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.	Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
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  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.	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  No. of bending cycles (C-track) 2 Mio. @ 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.	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter  No. of bending cycles (C-track) 2 Mio. @ 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.	Oil resistance	Good, application-related testing   DIN EN 60811-404
No. of bending cycles (C-track)  2 Mio. @ 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.	Bending radius (fixed)	
No. of bending cycles (C-track)  2 Mio. @ 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.		10 x Outer diameter
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.		
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.		
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.	,	first salely and
Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         4           PIN 1         +           PIN 2         n.c.		
Gender         female           Color contact carrier         black           Coding         A           No. of poles         4           PIN 1         +           PIN 2         n.c.		
Color contact carrier         black           Coding         A           No. of poles         4           PIN 1         +           PIN 2         n.c.	·	
Coding         A           No. of poles         4           PIN 1         +           PIN 2         n.c.		
No. of poles 4  PIN 1 +  PIN 2 n.c.		
PIN 1 + PIN 2 n.c.		
PIN 2 n.c.		4
		+
PIN 3 -	PIN 2	n.c.
	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: 2024-05-02

## Product-PDF for Article 8000-88412-3620500



PIN 4	NO S 1
PIN 5	PE