

EXACT8, 6XM8, 4 POLE MOULDED CABLE

10.0m PUR/PVC 12x0.34+2x0,75

6-way, 4-pole PUR/PVC

Further cable lengths on request.

10.0 m

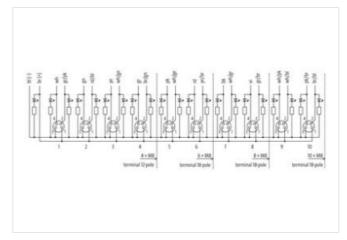
Plastic housings with good resistance against chemicals and oils.

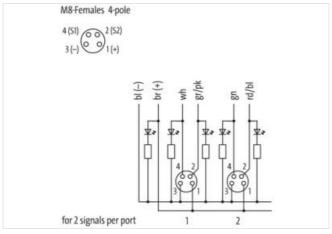
The resistance to aggressive media should be individually tested for your application. Further details on request.

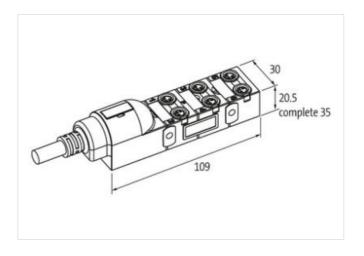
Link to Product

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-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879054966
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	2 A
Total current max.	8 A
Industrial communication	
Number of signals per port	2
Installation Connection	
Mounting set	M8 x 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.	80 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	386
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	10 wires around Stranding combination twisted
wire arrangement	gray-pink, pink, red, yellow-white, (brown, blue, brown-yellow, brown-green, green-white, red-blue, gray, yellow green, white)
Cable weigth	128,7 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	8,8 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	12
Outer diameter insulation	1,3 mm
Outer diameter insulation Outer diameter tolerance core insulation	1,3 mm ± 5 %



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Material properties wire insulation pool machinapility regreent freeness wire insulation pool machinapility regreent freeness wire insulation pool machinapility properties pool machinapility pool machi		
Amount strands (vive) 19	Material properties wire insulation	good machinability
Diameter of single wises 0,15 mm 0,34 mm² 0,34	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conclustor yes yes years	Amount strands (wire)	19
Material conductor view Stranded copper wire, bare Conductor type (wire) Strand class 5 Material wire insulation (Data) 18 mm Outer diameter wire insulation (Clata) 5 5 % Shors hardness were insulation (Data) 55 % Shors hardness were insulation (Data) 55 % 5 Shore D Material proporties wire insulation (Data) 55 % 5 Shore D Material proporties wire insulation (Data) 18 % Amount wires (Data) 2 Amount wires (Data) 42 Diameter of single writes (Data) 0.15 mm Conductor crossascition wire (Data) 0.75 mm² Macradial conductor wire (Data) 5 75 mm² Macradial vollage (conductor - ground) 300 V Wire conductor by (Standard) 10 DN VDE 0284 4 Current load capacity min. wire (Data) 12 A Current load capacity min. wire (Data) 12 Z Electrical resistance coating wire (Data) 25 Chm @ 20 °C Electrical resistance (Data) wire (Data) 25 Chm @ 20 °C Max. operating temperature (Static) 30 °C Max. operating temperature (Wood) 70 °C	Diameter of single wires	0,15 mm
Canditard type (wive)	Conductor crosssection (wire)	0,34 mm ²
Material wire insulation (Data) PVC Outer diameter wite insulation (Data) 1.5 mm Toferance outer diameter wite insulation (Data) 5.5 % Shore hardness wire insulation (Data) 55.5 % Shore D Material properties wire insulation (Data) 1.6 mm Ingredient freeness wire insulation (Data) 1.6 mm Amount writes (Data) 2 Amount strands wire (Data) 42 Diameter of single wires (Qual) 0.15 mm Conductor rospeciation wire (Data) 1.5 mm Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand de copper wire, bare Wire conductor vire (Data) strand de copper wire, bare Wax. rated voltage (conductor - conductor) 300 V Current load capacity (standard) 10 IN VDE 6288-4 Current load capacity (standard) 10 IN VDE 6288-4 Current load capacity (standard) 10 IN VDE 6288-4 Current load capacity (wire wire) 2 N M @ 0.5 Electrical resistance line constant wire 25 D/Km @ 20 °C Electrical resistance line constant wire 25 D/Km @ 20 °C Power (pacen	Material conductor wire	Stranded copper wire, bare
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Shore hardness wire insulation (Data) 55 ± 5 Shore D	Outer diameter wire insulation (Data)	1,8 mm
Material properties wire insulation (Data) good machinability Ingredient freeness wire insulation (Data) lead-free, cadmium-free, CFC-free, silicone-free Amount wise (Data) 2 Amount strands wire (Data) 42 Diameter of single wires (Data) 0.75 mm² Conductor cressection wire (Data) Stranded copper wire, bare Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) Stranded copper wire, bare Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity win. wire 4.A Current load capacity win. wire (Data) 12 A Electrical resistance line constant wire 57 Okm @ 20 °C Electrical resistance line constant wire 57 Okm @ 20 °C Electrical resistance wire wire 26 Okm @ 20 °C AC withstand voltage (wire - wire) 24 °V ⊕ 60 s Power frequency withstand voltage (wire - wire) 24 °V ⊕ 60 s Power frequency withstand voltage (wire - wire) 24 °V ⊕ 60 s Power frequency withstand voltage (wire - wire) 25 °C Operating temperature (fixed)	Tolerance outer diameter wire insulation (data)	±5%
Ingredient freeness wire insulation (Data) Amount wires (Data) 2 Dameter of single wires (Data) 0,75 mm² Conductor rossescion wire (Data) 0,75 mm² Material conductor wire (Data) Wire conductor vire (Data) Wire conductor wire (Data) Wire conductor vire (Data) Wire conductor vire (Data) Wire conductor vire (Data) Wire conductor vire (Data) Max. rated voitage (conductor - conductor) Max. rated voitage (conductor) Max	Shore hardness wire insulation (Data)	55 ± 5 Shore D
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Diameter of single wires (Data) 0,15 mm Conductor crosssection wire (Data) 0,75 mm³ Marciand conductor wire (Data) stranded copper wire, bare Wire conductor type (Data) strand dass 6 Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current load capacity min. wire (Data) 12 A Electrical resistance conting wire (Data) 25 CuRm @ 20 °C Electrical resistance coating wire (Data) 25 CuRm @ 20 °C Carrent load capacity win. Wire (Data) 25 CuRm @ 20 °C Carrent load capacity win. Wire (Data) 26 CuRm @ 20 °C Electrical resistance coating wire (Data) 25 CuRm @ 20 °C Carrent load capacity wire (Data) 25 CuRm @ 20 °C Carrent load capacity min. Wire (Data) 25 CuRm @ 20 °C Carrent load capacity min. Wire (Data) 26 CuRm @ 20 °C Carrent load capacity min. Wire (Data) 26 CuRm @ 20 °C Carrent load capacity min. Wire (Data) 26 CuRm @ 20 °C Cleictrical resistance coating wire (Data) 27 °C Coperating temperature (Sata) 70 °C	Amount wires (Data)	2
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Conductor crosssection wire (Data) 0,75 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Max. rated voltage (conductor - ground) 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 Current load capacity min. wire 12 A Electrical resistance ine constant wire 57 Dkm @ 20 °C Electrical resistance coating wire (Data) 26 Dkm @ 20 °C AC withstand voltage (wire - wire) 26 Dkm @ 20 °C Power frequency withstand voltage (wire - yacket) 2 kV @ 60 s Power frequency withstand voltage (wire - yacket) 2 kV @ 60 s Min. operating temperature (fixed) 70 °C Max. operating temperature (fixed) 70 °C Operating temperature max. (dynamic) 70 °C Fiame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1990 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 10 × Outer diameter <td>. ,</td> <td>0.15 mm</td>	. ,	0.15 mm
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Jacket 1		2 KV @ 60 s
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Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter Bending radius (dynamic) 12 x Outer diameter Bending radius (dynamic) 12 x Outer diameter No. of bending cycles (C-track) 1,5 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) Connection type 2 Family construction form free cable end No. of poles 14 Family construction form M8 Gender Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 S 2	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 11 x Outer diameter Bending radius (dynamic) 11 x Outer diameter Bending radius (ctrack) 1,5 Mio. @ 25 °C Traversing distance (C-track) 2 m/s @ 25 °C Connection type 2 Family construction form free cable end No. of poles 14 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 S 2	Max. operating temperature (fixed)	70 °C
Flame resistance	Operating temperature min. (dynamic)	-5 ℃
chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 10 x Outer diameter Bending radius (fixed) 12 x Outer diameter Bending radius (dynamic) 12 x Outer diameter Bending radius (c-track) 1,5 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) 2 m/s @ 25 °C Connection type 2 Family construction form free cable end No. of poles 14 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 S 2	Operating temperature max. (dynamic)	70 °C
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter Bending radius (dynamic) 12 x Outer diameter No. of bending cycles (C-track) 1,5 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) 2 m/s @ 25 °C Connection type 2 Family construction form free cable end No. of poles 14 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 S 2	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter No. of bending cycles (C-track) 1,5 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) 2 m/s @ 25 °C Connection type 2 Family construction form free cable end No. of poles 14 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 S 2	chemical resistance	Good, application-related testing
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Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter No. of bending cycles (C-track) 1,5 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) 2 m/s @ 25 °C Connection type 2 Family construction form free cable end No. of poles 14 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 S 2	Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 12 x Outer diameter No. of bending cycles (C-track) 1,5 Mio. @ 25 °C Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) 2 m/s @ 25 °C Connection type 2 Family construction form free cable end No. of poles 14 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 S 2	Bending radius (installation)	x Outer diameter
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PIN 2 S 2		4
PIN 3 -		S 2
	PIN 3	-

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



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