

EXACT8, 6XM8, 3 POLE PLUG. CAP, SPRING-TERM.

5.0m PUR 6x0,34+2x0,75, UL/CSA

6-way, 3-pole 5.0 m

Further cable lengths on request.

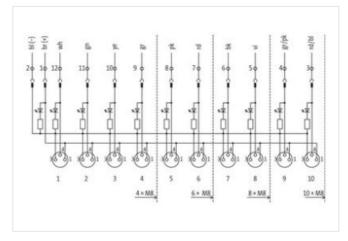
Plastic housings with good resistance against chemicals and oils.

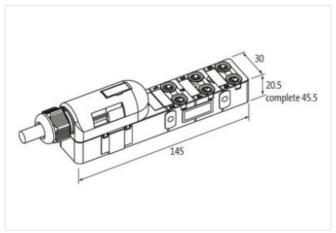
The resistance to aggressive media should be individually tested for your application. Further details on request.

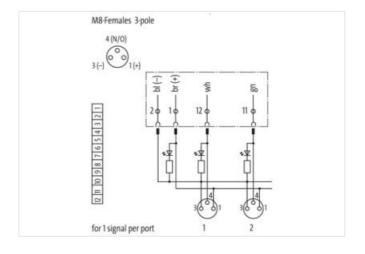
Link to Product

Illustration









Product may differ from Image



Commercial data	
ECLASS-6.0	27279219
ECLASS-6.1	27279219
ECLASS-7.0	27279219
ECLASS-8.0	27279219
ECLASS-9.0	27440108

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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-24



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ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879055130
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	1
Installation	
Connection cross section max.	1,5 mm ²
AWG number max.	16
	···
Installation Connection	On the allows to write the FIV
Connection	Spring clamp terminals FK
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	screwed, mounted
Device protection Media	
Flame resistance	flame retardant
Mechanical data Material data	
Material housing	Plastic
Environmental characteristics Climatic	****
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Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	356
Jacket Color	gray
Type of Certificate	cURus, CSA
Amount stranding	1
Stranding	8 wires around Core filler twisted
Banding	Fleece
Filler	yes
wire arrangement	brown, blue, red, pink, gray, yellow, green, white
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Cable weigth	92,4 g/m
Material jacket	PUR
Shore hardness jacket	89 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Outer-diameter (jacket) Tolerance outer diameter (sheath)	8,5 mm ± 5 %
Material wire insulation	TPE-E
Amount wires	6
Outer diameter insulation	1,5 mm
Outer diameter insulation Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free
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Operating temperature min. (dynamic) Operating temperature max. (dynamic) So °C Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 8 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Amount strands (wire)	42
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TFE E College classes Telephone T	Diameter of single wires	0,1 mm
Autorial wive insulation (Data) TPE E	Conductor crosssection (wire)	0,34 mm²
Material wire insulation (Data) TPE E Outer diameter wire insulation (Data) 1,8 mm Toferance outer diameter wire insulation (Data) 5 % Shore hardness wire insulation (Data) 55 Shore D Ingredient feenes wire insulation (Data) 195 Shore D Ingredient feenes wire insulation (Data) 42 Amount strands wire (Data) 42 Amount strands wire (Data) 0,15 mm Constactor crossection wire (Data) 0,75 mm² Material conductor wire (Data) 5 mm² Wire conductor type (Data) 5 mm² Traversing distance (C-track) 5 m @ 25 °C! Instructional Unrent load capacity (standard) 10 IN VPB C0884 Current load capacity (standard) 10 IN VPB C0884 Current load capacity min. Wire (Data) 12 A Electrical resistance line constant vire 57 (Dix m@ 20 °C Electrical resistance line constant vire 57 (Dix m@ 20 °C Electrical resistance line constant vire 57 (Dix m@ 20 °C Max. rated voltage power (conductor voltacl) 300 °V Max. rated voltage power (conductor voltacl) 2 k V @ 60 s AC withstand voltage	Material conductor wire	Stranded copper wire, bare
Outer diameter wire insulation (Data) 1,8 mm Tolerance outer diameter wire insulation (Data) 5 Shore D Shore hardness wire insulation (Data) 15 Shore D Ingredient freeness wire insulation (Data) 2 Amount wires (Data) 2 Diameter of single wires (Data) 0.15 mm Conductor crosssection wire (Data) 0.75 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Wire conductor type (Data) strand class 6 Current load capacity (slandard) to DIN VDE 0298 4 Current load capacity min. Wire (Data) 12 A Electrical resistance (Cratack) 12 A Electrical resistance outsing wire (Data) 12 A Electrical resistance outsing wire (Data) 20 VC Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (wire - wire) 2 kV @ 60 s Max. operating temperature (stat) 40 °C Max. operating temperature max. (synamic) 40 °C Max. operating temperature max. (synamic) 40 °C Operating temperature max. (synamic) <t< td=""><td>Conductor type (wire)</td><td>strand class 6</td></t<>	Conductor type (wire)	strand class 6
Tolerance outer diameter wire insulation (plata) 5 5 % Shore hardness wire insulation (plata) 55 5 hore D Impedient freeness wire insulation (plata) 55 5 hore D Amount wires (Data) 2 Amount strands wire (Data) 42 Diameter of single wires (Data) 0.75 mm² Conductor crosssection wire (Data) 0.75 mm² Material conductor wire (Data) 5 franded copper wire, bare Wire conductor type (Data) strand class 6 Traversing distance (C-track) 5 m @ 25 °C (I horizontal Current load capacity min. wire 4.2 A Current load capacity min. wire (Data) 12 A Electrical resistance loa constant wire (Data) 25 CMm @ 20 °C Electrical resistance coaling wire (Data) 25 CMm @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Ack withstand voltage power (wire - jackel) 24 °W @ 60 s Min. operating temperature (Sixed) 40 °C Max. rated voltage power (conductor - ground) 20 °C Max. rated voltage power (conductor) 20 °C Max. rate	Material wire insulation (Data)	TPE-E
Shore hardness wire insulation (Data) 195 Shore D 197 Fere, halogen-free 197 Shore D 197 S	Outer diameter wire insulation (Data)	1,8 mm
Ingredient freeness wire insulation (Data) lead-free, cadmium-free, CFC-free, halogen-free Amount wires (Data) 2 Amount wires (Data) 42 Diameter of single wires (Data) 0.15 mm Conductor crosssection wire (Data) Stranded copper wire, bare Wire conductor type (Data) Strand class 6 Travorsing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (sandard) to IN IVDE 0298-4 Current load capacity min. Wire (Data) 12 A Electrical resistance line constant wire 57 Okm @ 20 °C Electrical resistance line constant wire 57 Okm @ 20 °C Electrical resistance place wire (productor - conductor) 300 V Max. rated voltage power (conductor - conductor) 300 V Value, a cyling power (conductor - conductor) 300 V Max. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 60 °C Operating temperature (fixed) 60 °C Operating temperature (f	Tolerance outer diameter wire insulation (data)	±5%
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Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire 4.2 A Current load capacity min. Wire (Data) 12 A Electrical resistance ine constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Data) 26 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Power frequency winistand voltage power (conductor - ground) 200 V AC withstand voltage power (viric - wire) 2 kV @ 60 s Min. operating temperature (Static) 40 °C Max. aperating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) 90 °C Flame resistance UL 1581 § 1090 [UL 1581 § 1100 FT2 EC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gli resistance Good, application-related testing Bending radius (installation)<	Diameter of single wires (Data)	0,15 mm
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Max. rated voltage power (conductor - conductor) 7		
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 Min. operating temperature (static) 40 °C Accomparating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature max. (dynamic) 40 °C Operating temperature max. (dynamic) 80 °C Operating temperature max. (dynamic) UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (dynamic) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 8 Family construction form MB Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3	Max. rated voltage power (conductor - ground)	300 V
AC withstand voltage power (wire - wire)	Max. rated voltage power (conductor -	300 V
Min. operating temperature (static) Max. operating temperature (fixed) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Bu °C Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 8 Family construction form M8 Gender female Color contact carrier Diack Coding A No. of poles 3 PIN 1 + PIN 3 - 40 *C COMPACTION STORM S		2 kV @ 60 s
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	AC withstand voltage power (wire - wire)	2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) So °C Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 8 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 8 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 - Ood Operating temperature max. (dynamic) UL 1581 § 1100 FT2 IEC 60332-2-2 EC 60332-2 EC 60332-2-2 EC 60332-2 EC	Max. operating temperature (fixed)	0° ℃
Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 8 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	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 (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 8 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Operating temperature max. (dynamic)	0° ℃
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 8 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 8 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	chemical resistance	Good, application-related testing
Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 8 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Gasoline resistance	Good, application-related testing
Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 8 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 8 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Bending radius (installation)	
Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 8 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Bending radius (fixed)	7,5 x Outer diameter
Connection type 2 Family construction form free cable end No. of poles 8 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -		10 x Outer diameter
No. of poles 8 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -		
Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Family construction form	free cable end
Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	No. of poles	8
Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Family construction form	M8
Coding A No. of poles 3 PIN 1 + PIN 3 -		
Coding A No. of poles 3 PIN 1 + PIN 3 -	Color contact carrier	black
No. of poles 3 PIN 1 + PIN 3 -	Coding	
PIN 1 + PIN 3 -	No. of poles	
PIN 3 -		+
	PIN 4	\$