

EXACT8, 10XM8, 3 POLE MOULDED CABLE

10.0m PUR 10*0,34+2*0,75 exit norm..

10-way, 3-pole 10.0 m

Further cable lengths on request.

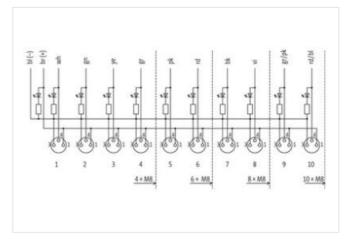
Plastic housings with good resistance against chemicals and oils.

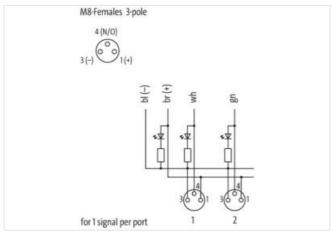
The resistance to aggressive media should be individually tested for your application. Further details on request.

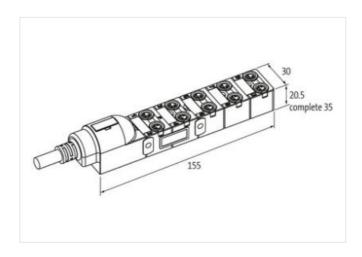
Link to Product

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	

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: 2024-05-06



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ECLASS-10.1	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879056984
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	
Mounting set	M8 x 1
Device protection Electrical	
	IDES IDES
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	384
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination twisted
Banding	Fleece
wire arrangement	red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)
Cable weigth	121 g/m
Material jacket	
	PUR
Shore hardness jacket	PUR 89 ± 5 Shore A
Shore hardness jacket Freedom from ingredients (jacket)	
	89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm
Freedom from ingredients (jacket)	89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Freedom from ingredients (jacket) Outer-diameter (jacket)	89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 %
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 % TPE-E
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 % TPE-E 10
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 % TPE-E 10 1,4 mm
Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 % TPE-E 10 1,4 mm ± 5 %



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Conductor crosspection (wire)	Diameter of single wires	0,15 mm
Taversing distance (C-track) 5 m @ 25 °C horizontal		·
Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Material wire insulation (Data) TPE E Clude cliameter wire insulation (Data) 1.9 mm Tofleance outer diameter wire insulation (Data) 55 ± 5 Shore D Ingredient Treeness wire insulation (Data) 55 ± 5 Shore D Ingredient Treeness wire insulation (Data) 2 Amount wires (Data) 2 Amount strands were (Data) 24 Diameter of single wires (Data) 0.7 mm² Conductor crossection were (Data) 9.7 mm² Material conductor wire (Data) Stranded copper wire, bare Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity mir. Wire (Data) 12 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance (seating wire (Data) 2 E Q/km @ 20 °C Recipiently with stand voltage (wire - incident) 2 kV @ 60 s Power frequency withstand voltage (wire - incident) 2 kV @ 60 s Po		•
Defector type (wire) Shand class 5		
Material wire insulation (Data) TPE-E Outer diameter wire insulation (Data) 5.9 % Tolerance outer diameter wire insulation (Data) 5.9 % Shores hardness wire insulation (Data) 6.9 ± 5 Shores D Ingredient freeness wire insulation (Data) 1.9 ± 5 Shores D Amount wires (Data) 2 Amount strands wire (Data) 2.4 Diameter of single wires (Data) 0.75 mm² Contactor crossection wire (Data) 0.75 mm² Material conductor wire (Data) Stranded coper wire, bare Max. rated voitage (conductor- conductor) 300 V Current bacd capacity (standurd) 10 DIN VDE 0288-4 Current bacd capacity (standurd) 10 DIN VDE 0288-4 Current bacd capacity min. Wire (Data) 4 A Electrical resistance line constant wire 57 Ωkm @ 20 °C Electrical resistance line constant wire 2 kV @ 60 s Power frequency wirestand voltage (wire - incleat) 2 kV @ 60 s Power frequency wirestand voltage (wire - incleat) 2 kV @ 60 s Coperating temperature (inc. (dynamic) 5 °C Operating temperature min. (dynamic) 5 °C O		·
Outer diameter wire insulation (Data) 1,8 mm Tolerance outer diameter wire insulation (ablas) 1,5 % Shore D Shore hardness wire insulation (Data) 5 ± 5 Shore D Ingredient freeness wire insulation (Data) 1 ead-free, cadmium-free, CFC-free, halogen-free Amount wires (Data) 2 Dameter of single wires (Data) 0.2 mm Conductor crosssection wire (Data) 0.75 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor by the (Data) Stranded copper wire, bare Wire conductor by the (Data) Stranded copper wire, bare Wire conductor by the (Data) Stranded copper wire, bare Wire conductor by the (Data) Stranded copper wire, bare Wire conductor by the (Data) Stranded copper wire, bare Wire conductor by the (Data) Stranded copper wire, bare Wire conductor wire (Data) Stranded copper wire, bare Electrical resistance (Data) wire (Data) Stranded copper wire, bare		
Tolerance outer diameter wire insulation (data) ± 5 % Shore hardness wire insulation (Data) Shore hardness wire insulation (Data) 55 ± 5 Shore D Impredient freeness wire insulation (Data) 24 Amount wries (Data) 2 4 Amount strands wire (Data) 0.2 mm Conductor crosssection wire (Data) 0.75 mm² Material conductor wire (Data) 5 Yand class 5 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) 10 DN VPC 0298-4 Current load capacity win. Wire (Data) 4 A Current load capacity win. Wire (Data) 12 A Electrical resistance coating wire (Data) 26 Ω/km @ 20 °C Electrical resistance voltage (wire - wire) 2 K/W @ 60 s Power frequency withstand voltage (wire - wire) 2 K/W @ 60 s Power frequency withstand voltage (wire - wire) 2 K/W @ 60 s Power frequency withstand voltage (wire - wire) 2 K/W @ 60 s Power frequency withstand voltage (Conductor) 2 K/W @ 60 s Power frequency withstand voltage (Conduc		
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Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) 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 Current load capacity min. Wire (Data) 12 A Electrical resistance in constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Data) 26 Ω/km @ 20 °C Electrical resistance coating wire (Data) 26 N/m @ 20 °C AC withstand voltage (wire - jackel) 2 kV @ 60 s Power frequency withstand voltage (wire - jackel) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (static) 80 °C Operating temperature (mix. (dynamic) 5 °C Operating te		· · · · · · · · · · · · · · · · · · ·
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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 line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Data) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - graph of the power frequency withstand voltage (w		
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Electrical resistance coating wire (Data) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - izcket) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dyna		12 A
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Power frequency withstand voltage (wire jacket) Min. operating temperature (static) Min. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Chemical resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404 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 Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 12 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3	Electrical resistance coating wire (Data)	26 Ω/km @ 20 °C
jacket)	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing 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) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 12 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -		2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) So °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Chemical resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404 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 Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form M8 Gender 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) 80 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 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) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 12 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Max. operating temperature (fixed)	80 °C
Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 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) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 12 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 DIN EN 60811-404 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 Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 12 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Operating temperature max. (dynamic)	80 °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) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 12 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
Oil resistance DIN EN 60811-404 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 Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 12 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 Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 12 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 (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 12 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 - Outer diameter 7,5 x Outer diameter 10 x	Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (dynamic) Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 12 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Bending radius (installation)	x Outer diameter
Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 12 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
Family construction form free cable end No. of poles 12 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Bending radius (dynamic)	10 x Outer diameter
Family construction form free cable end No. of poles 12 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Travel speed (C-track)	5 Mio. @ 25 °C
No. of poles 12 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Connection type 2	
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
Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	No. of poles	12
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 -	Gender	female
No. of poles 3 PIN 1 + PIN 3 -	Color contact carrier	black
PIN 1 + PIN 3 -	Coding	A
PIN 1 + PIN 3 -	No. of poles	3
PIN 3 -		+
PIN 4 S		-
	PIN 4	S