

EXACT8, 4XM8, 3 POLE MOULDED CABLE

5.0m PUR 4*0,34+2*0,75 exit norm..

4-way, 3-pole

5.0 m

Further cable lengths on request.

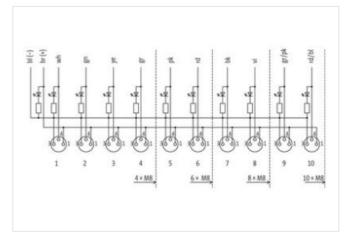
Plastic housings with good resistance against chemicals and oils.

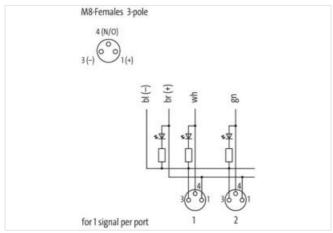
The resistance to aggressive media should be individually tested for your application. Further details on request.

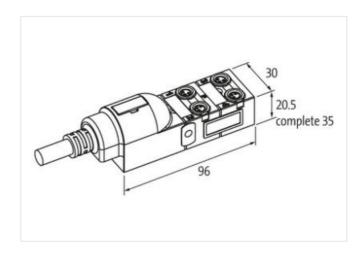
Link to Product

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	

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: 2024-05-27



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E01 400 40 4	07440400
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879056571
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
	NIO A I
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
	Schlaubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Operating temperature max. Additional condition temperature range	80 °C depending on cable quality
Additional condition temperature range	
Additional condition temperature range Installation Cable Cable identification Jacket Color	depending on cable quality
Additional condition temperature range Installation Cable Cable identification	depending on cable quality 334
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding	depending on cable quality 334 gray cURus 1
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding	depending on cable quality 334 gray cURus
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding	depending on cable quality 334 gray cURus 1
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding Filler	depending on cable quality 334 gray cURus 1 6 wires around Filler twisted Fleece yes
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding Filler wire arrangement	depending on cable quality 334 gray cURus 1 6 wires around Filler twisted Fleece yes brown, blue, gray, yellow, green, white
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding Filler wire arrangement Cable weigth	depending on cable quality 334 gray cURus 1 6 wires around Filler twisted Fleece yes brown, blue, gray, yellow, green, white 78,1 g/m
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding Filler wire arrangement Cable weigth Material jacket	depending on cable quality 334 gray cURus 1 6 wires around Filler twisted Fleece yes brown, blue, gray, yellow, green, white 78,1 g/m PUR
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	depending on cable quality 334 gray cURus 1 6 wires around Filler twisted Fleece yes brown, blue, gray, yellow, green, white 78,1 g/m PUR 89 ± 5 Shore A
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	depending on cable quality 334 gray cURus 1 6 wires around Filler twisted Fleece yes brown, blue, gray, yellow, green, white 78,1 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	depending on cable quality 334 gray cURus 1 6 wires around Filler twisted Fleece yes brown, blue, gray, yellow, green, white 78,1 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 7,6 mm
Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	depending on cable quality 334 gray cURus 1 6 wires around Filler twisted Fleece yes brown, blue, gray, yellow, green, white 78,1 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 7,6 mm ± 5 %
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Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	depending on cable quality 334 gray cURus 1 6 wires around Filler twisted Fleece yes brown, blue, gray, yellow, green, white 78,1 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 7,6 mm ± 5 % TPE-E
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Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	depending on cable quality 334 gray cURus 1 6 wires around Filler twisted Fleece yes brown, blue, gray, yellow, green, white 78,1 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 7,6 mm ± 5 % TPE-E 4 1,5 mm ± 5 % 55 Shore D
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Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire)	depending on cable quality 334 gray cURus 1 6 wires around Filler twisted Fleece yes brown, blue, gray, yellow, green, white 78,1 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 7,6 mm ± 5 % TPE-E 4 1,5 mm ± 5 % 55 Shore D lead-free, CFC-free, halogen-free 42
Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	depending on cable quality 334 gray cURus 1 6 wires around Filler twisted Fleece yes brown, blue, gray, yellow, green, white 78,1 g/m PUR 89 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 7,6 mm ± 5 % TPE-E 4 1,5 mm ± 5 % 55 Shore D lead-free, CFC-free, halogen-free

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Conductor type (wire) strand class 6	Material conductor wire	Stranded copper wire, bare
Material wire insulation (Data) TPE-E Outer diameter wire insulation (Data) 1.8 mm Toterance outer diameter wire insulation (Data) 5 % Shore hardness wire insulation (Data) 5 % % Shore hardness wire insulation (Data) 1.8 mm Ingredient feeness wire insulation (Data) 2 Amount wires (Data) 2 Amount strands wire (Data) 0.75 mm Conductor crossection wire (Data) 0.75 mm Material conductor wire (Data) 0.75 mm Wire conductor type (Data) strand class 6 Max. rated voltage (conductor- conductor) 300 V Alex. rated voltage (conductor- conductor) 300 V Current load capacity (standard) to DIN VIDE 0288-4 Current load capacity (mm. Wire (Data) 8.4 A Electrical resistance line constant wire 57 £0 km @ 20 °C Electrical resistance coating 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 Coperating temperature (mix. (cynamic) 5 % °C Operating temperature max. (cynamic)		
Outer diameter wire insulation (Data) 1,9 mm Tolerance outer diameter wire insulation (Data) 5 % Shore D Shore hardness wire insulation (Data) 19 dead-free, cadmium-free, CFC-free, halogen-free Ingredient Reeness wire insulation (Data) 2 Amount viries (Data) 42 Diameter of single wires (Data) 42 Diameter of single wires (Data) 0.15 mm Onductor of secondor of viried (Data) 0.75 mm² Material conductor wire (Data) 5 stranded copper wire, bare Wire conductor (ye) (Data) strand class 6 Wire conductor (ye) (Data) strand class 6 Max. rade violinge (conductor - ground) 300 V Gurrent load capacity (standard) 10 DN VDE 0298-4 Current load capacity min. wire 4,2 A Current load capacity min. wire (Data) 8,4 A Electrical resistance coating wire (Data) 26 Ωkm @ 20 °C Electrical resistance coating wire (Data) 24 V @ 60 s Max. operating temperature (steed) 80 °C Operating temperature (steed) 80 °C Operating temperature max. (synamic) 80 °C Or portating temperature		
Tolerance outer diameter wire insulation (data)		
Shore hardness wire insulation (Data) S5 Shore D Ingredient freeness wire insulation (Data) 2 2 2 2 3 3 3 3 3 3		· · · · · · · · · · · · · · · · · · ·
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Amount wires (Data) 2 Amount strands wire (Data) 42 Amount strands wire (Data) 0,15 mm Conductor crosssection wire (Data) 0,75 mm² Material conductor wire (Data) 5,75 mm² Wire conductor type (Data) 5,75 mm² Wire type (Data		
Amount strands wire (Data)		
Diameter of single wires (Data)		
Conductor crosssection wire (Data) 0,75 mm² Material conductor wire (Otata) Stranded copper wire, bare Wire conductor type (Data) strand dass 6 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity standard) to DIN VDE 0298-4 Current load capacity min. wire 4,2 A Current load capacity min. wire 4,2 A Current load capacity min. wire 4,2 A Electrical resistance line constant wire 57 Ωkm @ 20 °C Electrical resistance coating wire (Data) 26 Ωkm @ 20 °C AC withstand voltage (wire - vire) 2 kW @ 60 s Power frequency withstand voltage (wire - jacket) 2 kW @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Max. operating temperature max. (dynamic) 80 °C Operating temperature max. (dynamic) 80 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 7,5 × Outer diameter Bending r		
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Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4.2 A Current load capacity min. Wire (Data) 8.4 A Electrical resistance line constant wire 57 Olkm @ 20 °C Electrical resistance coating wire (Data) 25 N/m @ 20 °C AC withstand voltage (wire - including (wire - including) 2 kV @ 60 s Power frequency withstand voltage (wire - including) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (ixed) 80 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 80 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Good application related testing 10 resistance Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (fixed) 7,5 x Outer diameter Bending radius (fixed) 7,5 x Outer diameter No. of poles 6 Traversing distance		
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Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s jacket) 40 °C 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 § 1990 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 (fixed) 7,5 x Outer diameter Bending radius (fixed) 7,5 x Outer diameter No. of bending cycles (C-track) 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 6 Family construction form M8 Gender female Color optact carrier		
jacket) 24 V 9 U 5 Min. operating temperature (static) 40 °C 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 No. of bending cycles (C-track) 5 m@ 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 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -		2 KV (@ 6U 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 No. of bending cycles (C-track) 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 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3		2 kV @ 60 s
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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 No. of bending cycles (C-track) 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 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + 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 (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (c-track) 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 6 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
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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 No. of bending cycles (C-track) 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 6 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 No. of bending cycles (C-track) 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 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Gasoline resistance	•
Bending radius (fixed) 7,5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 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 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3	Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 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 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	,	x Outer diameter
No. of bending cycles (C-track) 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 6 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
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 6 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
Travel speed (C-track) 2 m/s @ 25 °C Connection type 2 Family construction form free cable end No. of poles 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	No. of bending cycles (C-track)	5 Mio. @ 25 °C
Family construction form free cable end No. of poles 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Traversing distance (C-track)	5 m @ 25 °C horizontal
Family construction form free cable end No. of poles 6 Family construction form M8 Gender female Color contact carrier black Coding A No. of poles 3 PIN 1 + PIN 3 -	Travel speed (C-track)	2 m/s @ 25 °C
No. of poles 6 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	6
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 3 -	No. of poles	3
	PIN 1	+
PIN 4 S	PIN 3	-
	PIN 4	S