

EXACT12, 8XM12, 4 POLE MOULDED CABLE

10.0m PUR 8x0.5+3x1.0, UL/CSA

8-way, 4-pole

Further cable lengths on request.

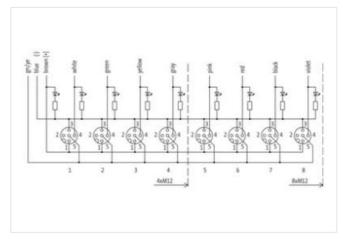
Plastic housings with good resistance against chemicals and oils.

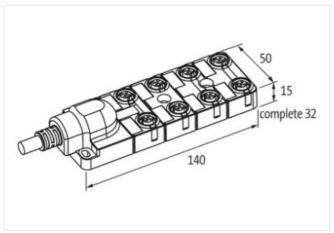
The resistance to aggressive media should be individually tested for your application. Further details on request.

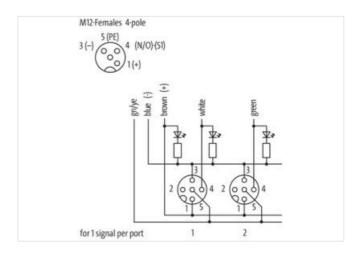
Link to Product

Illustration









Product may differ from Image









Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	
ECLASS-9.0	27440108	



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EOI 400 40 4	77440400
ECLASS-10.1 ECLASS-11.1	27440108
ECLASS-11.1	27440108 27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879308977
Packaging unit	1
	'
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Device protection Media	
Flame resistance	flame retardant
	TOTAL GALLE
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.	70 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	447
Cable identification Jacket Color	447 gray
Jacket Color	gray
Jacket Color Type of Certificate	gray cURus
Jacket Color Type of Certificate Amount stranding	gray cURus 1
Jacket Color Type of Certificate Amount stranding Stranding	gray cURus 1 2 wires with Filler twisted
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min.	gray cURus 1 2 wires with Filler twisted 51 mm
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max.	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2)	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2)	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Filler	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm yes
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Filler wire arrangement	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm yes white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet)
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Filler wire arrangement No. of bending cycles (C-track)	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm yes white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet) 5 Mio. @ 25 °C
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Filler wire arrangement No. of bending cycles (C-track) Cable weigth	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm yes white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet) 5 Mio. @ 25 °C 146,3 g/m
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm yes white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet) 5 Mio. @ 25 °C 146,3 g/m PUR
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm yes white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet) 5 Mio. @ 25 °C 146,3 g/m PUR 85 ± 5 Shore A
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm yes white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet) 5 Mio. @ 25 °C 146,3 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm yes white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet) 5 Mio. @ 25 °C 146,3 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,4 mm
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm 100 mm yes white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet) 5 Mio. @ 25 °C 146,3 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,4 mm ± 5 %
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm yes white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet) 5 Mio. @ 25 °C 146,3 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,4 mm ± 5 % TPE-E
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm yes white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet) 5 Mio. @ 25 °C 146,3 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,4 mm ± 5 % TPE-E
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Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Filler wire arrangement No. of bending cycles (C-track) 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	gray cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm yes white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet) 5 Mio. @ 25 °C 146,3 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,4 mm ± 5 % TPE-E 8 1,8 mm ± 5 %
Jacket Color Type of Certificate Amount stranding Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Filler wire arrangement No. of bending cycles (C-track) 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	cURus 1 2 wires with Filler twisted 51 mm 51 mm 1 9 wires around Stranding combination counter-rotating twisted 100 mm 100 mm 100 mm yes white, yellow, (blue, brown, green-yellow, gray, pink, red, green, black, violet) 5 Mio. @ 25 °C 146,3 g/m PUR 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,4 mm ± 5 % TPE-E 8 1,8 mm



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Amount strands (wire)	64
Diameter of single wires	0,1 mm
	,
Conductor crosssection (wire)	0,5 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	TPE-E
Outer diameter wire insulation (Data)	2,1 mm
Tolerance outer diameter wire insulation (data)	±5%
Shore hardness wire insulation (Data)	55 ± 3 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Amount wires (Data)	3
Amount strands wire (Data)	128
Diameter of single wires (Data)	0,1 mm
Conductor crosssection wire (Data)	1 mm²
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	5,9 A
Current load capacity min. Wire (Data)	15 A
Electrical resistance line constant wire	39 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	20 Ω/km @ 20 °C
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	500 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
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)	x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Connection type 2	TO A Salah diginates
Family construction form	free cable end
No. of poles	11
	M12
Family construction form	
Gender Color contact corrier	female
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	+
PIN 2	n.c.
PIN 3	-
PIN 4	NO S 1
PIN 5	PE