

EXACT12, 4XM12, 5-POLE, MOULDED CABLE

15.0m PUR/PVC 5x1.0 GRAY,

5-pole

Further cable lengths on request.

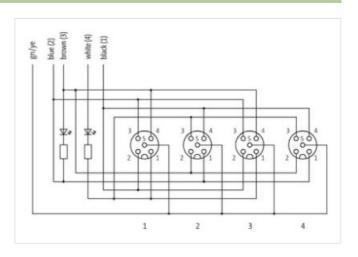
Plastic housings with good resistance against chemicals and oils.

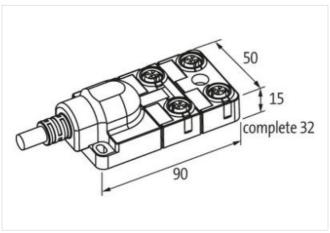
The resistance to aggressive media should be individually tested for your application. Further details on request.

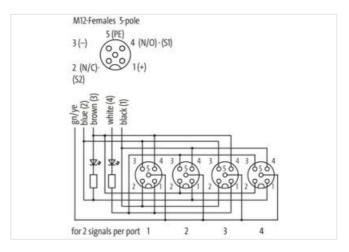
Link to Product

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	

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: 2024-05-05



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FOI 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	4048879472715
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M3
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	screwed, mounted
Device protection Media	
Flame resistance	flame retardant
	nume returnant
Mechanical data Material data	
Material housing	Plastic
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	60 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
Cable identification	965
Printing color of wire insulation	black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)
Jacket Color	gray
Amount stranding	1
Stranding	5 wires around Filler twisted
Filler	yes
wire arrangement	white 4, brown 3, green-yellow, blue 2, black 1
Cable weigth	86,9 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	7,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	2 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	60 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
-	
Printing color of wire insulation	black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)
Printing color of wire insulation Amount strands (wire)	black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) 28
Printing color of wire insulation Amount strands (wire) Diameter of single wires	black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)
Printing color of wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) 28 0,205 mm 1 mm ²
Printing color of wire insulation Amount strands (wire) Diameter of single wires	black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) 28 0,205 mm



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Nominal voltage AC max.	600 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	11,3 A
Electrical resistance line constant wire	19,5 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 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 (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Connection type 2	
Family construction form	free cable end
Color contact carrier	gray
No. of poles	5
PIN 1	0 V 2
PIN 2	24 V DC 2
PIN 3	0 V 1
PIN 4	24 V DC 1
PIN 5	PE
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	0 V 2
PIN 2	24 V DC 2
PIN 3	0 V 1
PIN 4	24 V DC 1
PIN 5	PE