

EXACT12, 4XM12, 4 POLE, MOULDED CABLE

20.0m PUR/PVC 4x0.34+3x0.75, UL/CSA

4-way, 4-pole PUR/PVC

Further cable lengths on request.

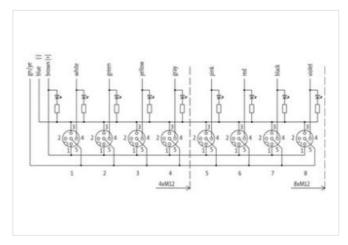
Plastic housings with good resistance against chemicals and oils.

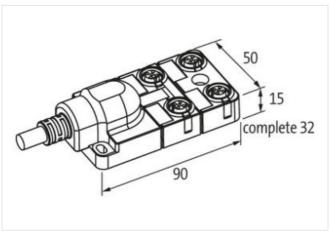
The resistance to aggressive media should be individually tested for your application. Further details on request.

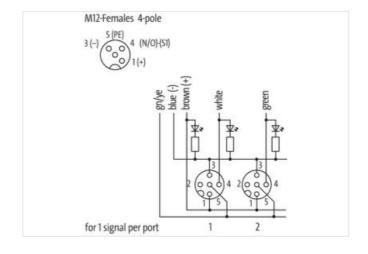
Link to Product

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: 2024-05-04



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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	4048879056014
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
	11 00, 11 07
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.	70 °C
Additional condition temperature range	depending on cable quality
Installation Cable	The control of the same shows
·	Uhhrid Circal Dawe
STOOW style jacket Cable identification	Hybrid, Signal, Power
	333
Cable Type Jacket Color	
Type of Certificate	gray cURus
Amount stranding	1
Stranding	7 wires around Core filler twisted
Filler	
wire arrangement	yes white, green, yellow, gray, brown, blue, green-yellow
Cable weigth	105,6 g/m
Material jacket	PUR
Shore hardness jacket	87 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	
	7,4 mm
Tolerance outer diameter (sheath)	
Tolerance outer diameter (sheath) Material inner jacket	7,4 mm
	7,4 mm ± 5 %
Material inner jacket	7,4 mm ± 5 % PVC
Material inner jacket Color (inner jacket)	7,4 mm ± 5 % PVC gray
Material inner jacket Color (inner jacket) Material wire insulation	7,4 mm ± 5 % PVC gray PVC
Material inner jacket Color (inner jacket) Material wire insulation Amount wires	7,4 mm ± 5 % PVC gray PVC
Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter insulation	7,4 mm ± 5 % PVC gray PVC 4 1,3 mm
Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 %
Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 % 43 ± 5 Shore D
Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Material properties wire insulation	7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 % 43 ± 5 Shore D good machinability



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Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Traversing distance (C-track)	5 m
Travel speed (C-track)	3
Material wire insulation (Power)	PVC
Outer diameter wire insulation (Power)	1,8 mm
Tolerance outer diameter wire insulation	
(Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands wire (Power)	24
Diameter of single wires (Power)	0,2 mm
Wire conductor cross section (Power)	0,75 mm ²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	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
Loop resistance	7,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 Ω/km @20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 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 (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	2 Mio.
Connection type 2	
Family construction form	free cable end
No. of poles	7
Family construction form	M12
Gender	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