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## EXACT12, 4XM12, 1:1, FIXED CABLE

10.0m PUR/PVC 16x0,34+3X0.75

4-way UNIVERSAL 10.0 m pre-wired homerun cable without LED Further cable lengths on request.

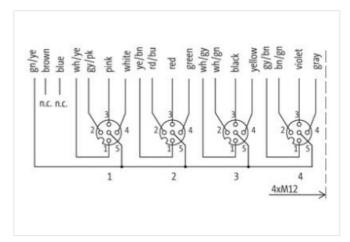
Plastic housings with good resistance against chemicals and oils.

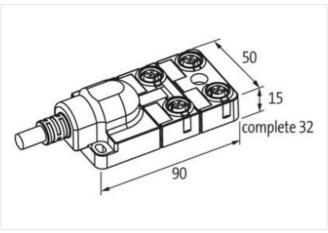
The resistance to aggressive media should be individually tested for your application. Further details on request.

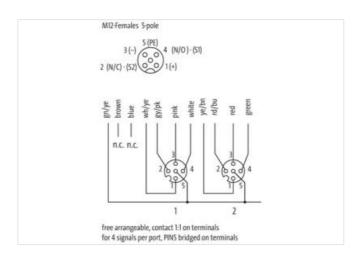
## **Link to Product**

## Illustration









Product may differ from Image









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Commercial data	
ECLASS-6.0	27279219
ECLASS-6.1	27279219
ECLASS-7.0	27279219



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ECLASS-8.0	27279219	
ECLASS-9.0	27440108	
ECLASS-10.1	27440108	
ECLASS-11.1	27440108	
ECLASS-12.0	27440108	
ETIM-5.0	EC002585	
customs tariff number	85444290	
GTIN	4048879055345	
Packaging unit	1	
Electrical data   Supply		
Operating voltage AC	42 V	
Operating voltage DC	42 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	
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	398	
Cable Type	2	
Function cable	Hybrid, Signal, Power	
Jacket Color	gray	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	7 wires around Core filler twisted	
Amount stranding (type 2)	1	
Stranding (type 2)	12 wires around Stranding combination twisted	
wire arrangement	white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)	
Cable weigth	165 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)	10 mm	
Tolerance outer diameter (sheath)	±5%	
Material inner jacket	PVC	
Color (inner jacket)	gray	
Material wire insulation	PVC	
Amount wires	16	
Outer diameter insulation	1,3 mm	
Outer diameter tolerance core insulation	±5%	



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Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0.15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
	Strand class 5
Conductor type (wire)	PVC
Material wire insulation (Power)	
Outer diameter wire insulation (Power)  Tolerance outer diameter wire insulation	1,8 mm
(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 wires (Power)	3
Amount strands wire (Power)	42
Diameter of single wires (Power)	0,15 mm
Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	strand class 6
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 carrying capacity min. wire (Power)	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 °C
Operating temperature max. (dynamic)	70 °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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	2 m/s @ 25 °C
Connection type 4	
Family construction form	free cable end
No. of poles	8
Family construction form	free cable end
No. of poles	19
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
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PIN 1	S1
PIN 2	S 2
PIN 3	\$3
PIN 4	S 4
PIN 5	PE
Family construction form	M8
Gender	female
Color contact carrier	black
Coding	A
No. of poles	3
PIN 1	+
PIN 3	
PIN 4	S