

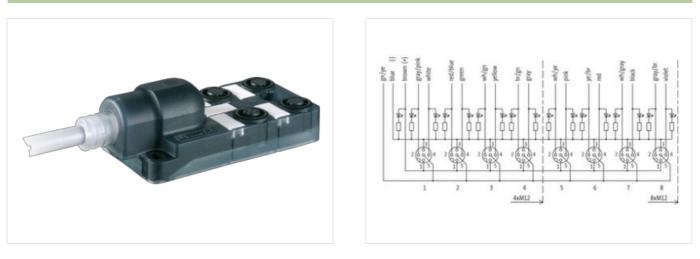
EXACT12, 4XM12, 5-POLE, MOULDED CABLE

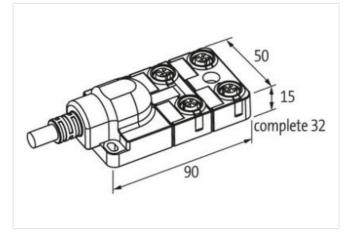
10.0m PUR/PVC 8x0,34+3X0.75, UL/CSA

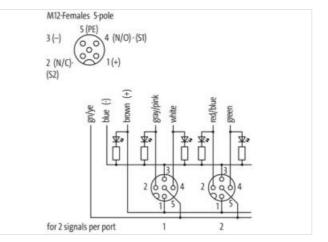
4-way, 5-pole PUR/PVC Further cable lengths on request. 10.0 m Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image



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ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	

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: 2024-05-02

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ECLASS-10.1 27440108 ECLASS-11.1 27440108 ECLASS-12.0 27440108 ETM-5.0 EC002585 customs taiff number 8544290 GTIN 40487965802 Packaging unit 1 Electrical data Supply Corrent operating voltage DC Operating voltage DC 24 V Current operating part contact max. 4 A Installion Connection M12 x 1 Device protection Electrical M12 x 1 Device protection Media Filter resistance Harrer electrical data Mouting ea M2 x 1 Device protection Media Filter resistance Harrer electrical data Material data Material housing Versiter protection Media Schraubgewinde Environmental characteristics Climatic Concol Departing remogerature min. -00 °C Operating remogerature min. -00 °C Operating remogerature min. -00 °C Operating remogerature max. 70 °C Additional condition temperature range departing enving enving enving enving enving envin	ECLASS-9.0	27440108
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Cable shielding (coverage) 85 % Filler yes wire arrangement white, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow) Cable weigth 143 g/m Material jacket PUR	Stranding (type 2)	9 wires around Stranding combination twisted
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wire arrangementwhite, yellow, (gray, gray-pink, red-blue, green, green-white, brown-green, blue, brown, green-yellow)Cable weigth143 g/mMaterial jacketPUR	Cable shielding (coverage)	85 %
Cable weigth 143 g/m Material jacket PUR	Filler	yes
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) 8,1 mm		-
Tolerance outer diameter (sheath) ± 5 %		
Material inner jacket PVC		PVC
Color (inner jacket) gray		
Material wire insulation PVC		
Amount wires 8		
Outer diameter insulation 1,3 mm		
Outer diameter tolerance core insulation ± 5 %	Outor diamotor toloronoo ooro inculation	+ 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 ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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 mm²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	Strand class 5
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3
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
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Elocation foolotation ocating who (Forter)	
AC withstand voltage (wire - wire)	2 kV @ 60 s
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire -	2 kV @ 60 s
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s 2 kV @ 60 s
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance	2 kV @ 60 s 2 kV @ 60 s 7,8 A
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static)	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed)	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C -5 °C
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C -5 °C 70 °C
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing Good, application-related testing
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed)	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Oil resistance Oil resistance Bending radius (fixed) Bending radius (dynamic)	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing Good, application-related testing 10 x Outer diameter
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) No. of bending cycles (C-track)	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing Good, application-related testing 10 x Outer diameter
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (ct-track) Connection type 2	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter 2 Mio. @ 25 °C
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Oil resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) No. of bending cycles (C-track) Connection type 2 Family construction form	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter 2 Mio. @ 25 °C free cable end
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) No. of bending cycles (C-track) Connection type 2 Family construction form No. of poles	2 kV @ 60 s 2 kV @ 60 s 7.8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter 2 Mio. @ 25 °C free cable end 11
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (fixed) Rending radius (construction form No. of poles Family construction form	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter 10 x Outer diameter 2 Mio. @ 25 °C free cable end 11 M12
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) No. of bending cycles (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter 2 Mio. @ 25 °C free cable end 11 M12 female
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) No. of bending cycles (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier	2 kV @ 60 s 2 kV @ 60 s 7.8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter 2 Mio. @ 25 °C free cable end 11 M12 female black
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) No. of bending cycles (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding No. of poles	2 kV @ 60 s 2 kV @ 60 s 7.8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing I0 x Outer diameter 10 x Outer diameter 2 Mio. @ 25 °C free cable end 11 M12 female black A 5
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) No. of bending cycles (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding	2 kV @ 60 s 2 kV @ 60 s 7,8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing I 0 x Outer diameter 10 x Outer diameter 2 Mio. @ 25 °C free cable end 11 M12 female black A
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) No. of bending cycles (C-track) Connection type 2 Family construction form No. of poles Family construction form Gender Color contact carrier Coding No. of poles PIN 1	2 kV @ 60 s 2 kV @ 60 s 7.8 A -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing Good, application-related testing DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter 2 Mio. @ 25 °C free cable end 11 M12 female black A 5 +

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PIN 4 PIN 5

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