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10×M8

EXACT8, 10XM8, 3 POLE PRE-WIRED CABLE

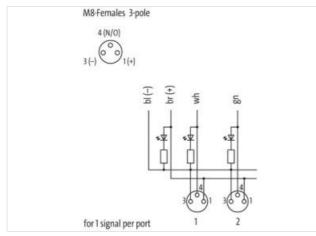
10.0m PUR/PVC 10*0,34+2*0,75

10.0 m PUR/PVC 10-way, 3-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





20.5 complete 35 155

Product may differ from Image



Commercial data		
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: 2024-05-03



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	4048879056946
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	2 A
Total current max.	8 A
Industrial communication	
Number of signals per port	1
Installation Connection	
Mounting set	M8 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
-	Schaubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
STOOW style jacket	Hybrid, Signal, Power
Cable identification	385
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination twisted
wire arrangement	red, black, violet, (red-blue, gray-pink, pink, gray, yellow, green, white, brown, blue)
Cable weigth	113,3 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)	8,3 mm
Tolerance outer diameter (sheath) Material inner jacket	±5%
Malerial Inner Iacket	PVC
-	
Color (inner jacket)	gray
Color (inner jacket) Material wire insulation	PVC
Color (inner jacket) Material wire insulation Amount wires	PVC 10
Color (inner jacket) Material wire insulation	PVC

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Material properties ware insulation pack machinability Imported intermess wire insulation Issel free, cashnium hen, CFC hen, silicone here Amount started, kink (who) 19 Damater of single wires 15 mm Conductor togesension (Wire) Darander organ wire, tusice Conductor togesension (Wire) Darander organ wire, tusice Conductor type wire, tusice Taswardspaced (Crack) PVC Conductor type wire, tusice 1,8 mm Taswardspaced (Crack) Star toge of task (Crack) Conductor type wire, tusication (Power) 1,8 mm Taswardspaced (Crack) Star toge of task (Crack) Conductor type wire, tusication (Power) 1,8 mm Taswardspaced (Crack) Star toge of task (Crack) Conductor type wire, tusication (Power) 1,8 mm Task (Crack) Star toge of task (Crack) Control toge of task wire (Power) 1,8 mm Task (Crack) Star toge of task (Crack) Control toge of task (Power) 1,9 mm <	Shore hardness wire insulation	43 ± 5 Shore D
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Diameter of single wires (Power) 0,2 mm Wire conductor cross section (Power) Strand data opper wire, bare Conductor type wire (Power) Strand class 5 Max, rated voltage (conductor - conductor) 300 V Max, rated voltage (conductor - conductor) 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 Okm @ 20 °C Electrical resistance line constant wire 57 Okm @ 20 °C Max. operating temperature (stalic) -30 °C Max. operating temperature (stalic) -30 °C Max. operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 10 °C Flame resistance Good, application-related testing Oil resistance Oid, application-related testing Oil resistance DiN EN 68811-404 [Good, application-related testing	Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
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Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Loop resistance 7.8 A Electrical resistance conting wire (Power) 25 Okm @20 °C AC withstance conting wire (Power) 26 Okm @20 °C AC withstance voltage (wire - vire) 2 kV @ 60 s Power frequency withstand voltage (wire - vire) 2 kV @ 60 s Power frequency withstand voltage (wire - vire) 2 kV @ 60 s Operating temperature (static) -30 °C Max. created voltage (conductor - ended testing 80 °C Operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (static) -30 °C Gasoline resistance UL 1581 § 1100 FT2 IEC 60332 2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Taval speed (Crtack) 2 klio. @ 25 °C Connection type 2 Family construction form Family construction form If ee cable end No. of poles 12 F	Material conductor wire (Power)	Stranded copper wire, bare
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Current load capacity min. wire 4 A Loop resistance 7.8 A Electrical resistance ine 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 - ispace in the integration of the integratintegration of the integratintegration of the integration	Max. rated voltage (conductor - ground)	300 V
Loop resistance7.8 AElectrical resistance line constant wire57 Ω/km @ 20 °CElectrical resistance coating wire (Power)2 6 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)30 °CJacket)-30 °CMax. operating temperature (static)-30 °COperating temperature (inked)80 °COperating temperature (inked)80 °COperating temperature (inked)70 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingDia resistanceDi X Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PiN 1+FIN 3-	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 2 6 Ω/km @20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - alexa) 2 kV @ 60 s Ack withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static) -5 °C Operating temperature (static) 70 °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 Oli resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Travel speed (C-track) 2 Mo. @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 12 Family construction form M8 Gender female Color cortact carrier black Color 3 PiN	Current load capacity min. wire	4 A
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Power frequency withstand voltage (wire - jacket) $2 kV @ 60 s$ Min. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature (mixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceOle Application-related testingDil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Electrical resistance coating wire (Power)	26 Ω/km @20 °C
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Max. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-		2 kV @ 60 s
Operating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1100 FT2 EC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 70 °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 DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2	Max. operating temperature (fixed)	80 °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 DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2	Operating temperature min. (dynamic)	-5 °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 DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2	Operating temperature max. (dynamic)	70 °C
Gasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-		UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Oil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	chemical resistance	Good, application-related testing
Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Gasoline resistance	Good, application-related testing
Bending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Oil resistance	
Travel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Bending radius (fixed)	5 x Outer diameter
Connection type 2Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Bending radius (dynamic)	10 x Outer diameter
Family construction formfree cable endNo. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Travel speed (C-track)	2 Mio. @ 25 °C
No. of poles12Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Connection type 2	
Family construction formM8GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Family construction form	free cable end
GenderfemaleColor contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	No. of poles	12
Color contact carrierblackCodingANo. of poles3PIN 1+PIN 3-	Family construction form	M8
CodingANo. of poles3PIN 1+PIN 3-	Gender	female
CodingANo. of poles3PIN 1+PIN 3-	Color contact carrier	black
No. of poles 3 PIN 1 + PIN 3 -		
PIN 1 + PIN 3 -		
PIN 3 -		
PIN 4 S		
	PIN 4	5

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