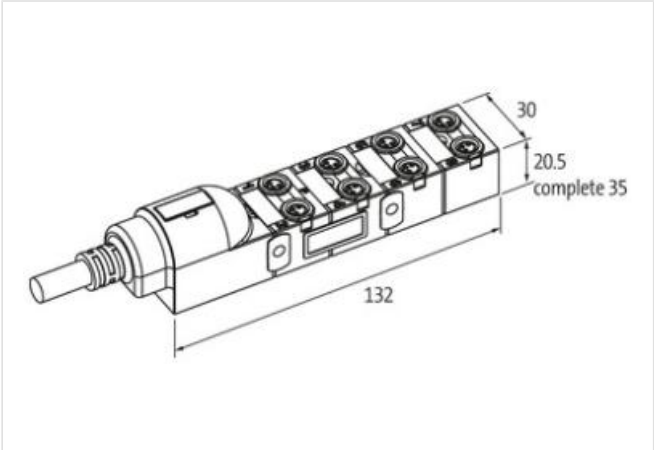**MURR ELEKTRONIK**

stay connected

EXACT8, 8XM8, 3 POLE PRE-WIRED CABLE

10.0m PUR/PVC 8*0,34+2*0,75

8-way, 3-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

Commercial data	
ECLASS-6.0	27143423
ECLASS-6.1	27279219
ECLASS-7.0	27279219
ECLASS-8.0	27279219

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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-08

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	4048879054768
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
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	357
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	10 wires around Core filler twisted
Filler	yes
wire arrangement	brown, blue, violet, black, red, pink, gray, yellow, green, white
Cable weigth	115,5 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)	8,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	8
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	43 ± 5 Shore D

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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 mm²
Traversing distance (C-track)	5 m @ 25 °C	horizontal
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Travel speed (C-track)	2
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
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 °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	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