

EXACT12, 8XM12, 4 POLE MOULDED CABLE

15.0m PUR/PVC 8x0,34+3X0.75, UL/CSA

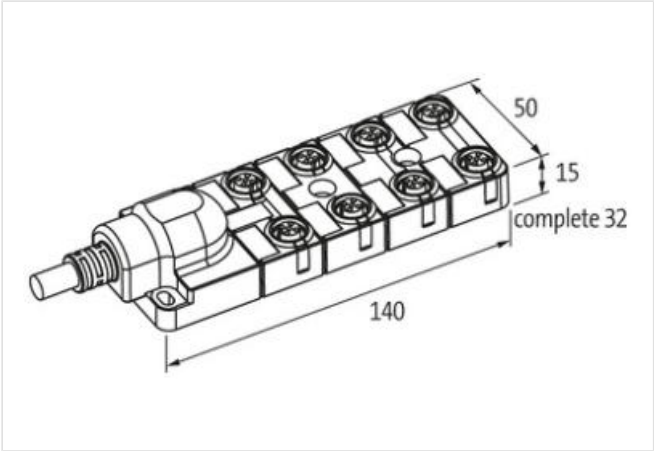
8-way, 4-pole
PUR/PVC
Further cable lengths on request.
15.0 m
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

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
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	4048879054249
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

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 362

Cable Type 2

Function cable Hybrid, Signal, Power

Jacket Color gray

Type of Certificate cURus

Amount stranding 1

Stranding 2 wires with Filler twisted

Amount stranding (type 2) 1

Stranding (type 2) 9 wires around Stranding combination twisted

Filler yes

wire arrangement white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)

Cable weight 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) 8,1 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

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

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 wires (Power) 3

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
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	UL 1581 § 1090 IEC 60332-2-2 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)	10 m/s @ 25 °C

Connection type 2

Family construction form	free cable end
No. of poles	11
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