

EXACT12, 8XM12, 5-POLE, MOULDED CABLE

15.0m PUR/PVC 16x0,34+3X0.75, UL/CSA

8-way, 5-pole

PUR/PVC

Further cable lengths on request.

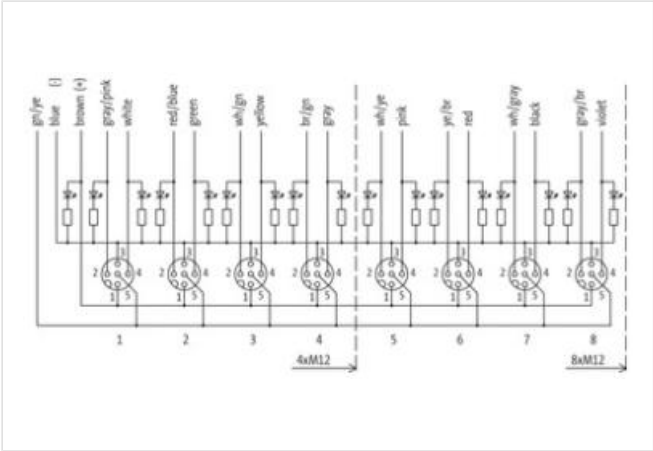
15.0 m

Plastic housings with good resistance against chemicals and oils.

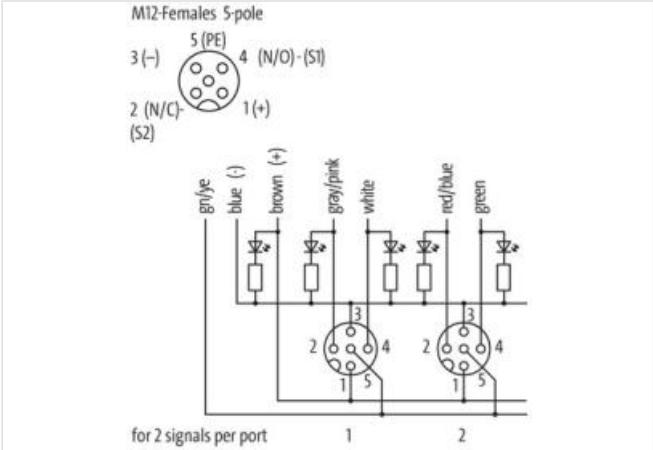
The resistance to aggressive media should be individually tested for your application. Further details on request.

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	4048879054003
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	398
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
STOOW style jacket	Hybrid, Signal, Power
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)
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Cable weight	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 %
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 wires (Power)	3
Amount strands wire (Power)	42
Diameter of single wires (Power)	0,15 mm
Wire conductor cross section (Power)	0,75 mm ²
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C
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
Loop resistance	7,8 A
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	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

Connection type 2

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
PIN 1	+
PIN 2	NC S 2
PIN 3	-
PIN 4	NO S 1

PIN 5

PE