

## **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

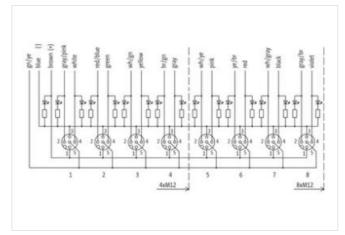
Plastic housings with good resistance against chemicals and oils.

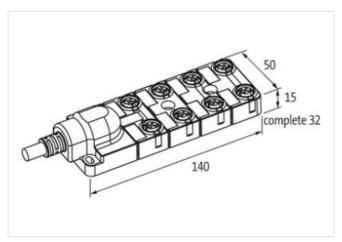
The resistance to aggressive media should be individually tested for your application. Further details on request.

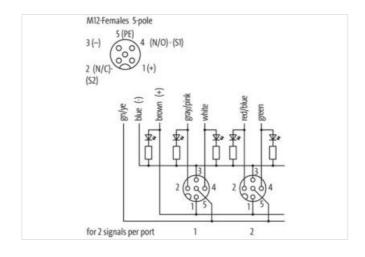
## **Link to Product**

## Illustration









Product may differ from Image









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



stay connected

FOLACC 0.0	07440400
ECLASS-9.0 ECLASS-10.1	27440108
	27440108
ECLASS-11.1 ECLASS-12.0	27440108
	27440108
ETIM-5.0 customs tariff number	EC002585
	85444290
GTIN Packaging unit	4048879054003
	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	flome valendent
	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)	7 wires around core liner twisted
Stranding (type 2)	12 wires around Stranding combination twisted
	white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red,
wire arrangement	brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)
Cable weigth	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



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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 strands wire (Power)	42
Diameter of single wires (Power)	0,15 mm
Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	strand class 6
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
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Loop resistance	7,8 A
Min. operating temperature (static)	-30 °C
Max operating temperature (fixed)	80 °C
Max. operating temperature (fixed)	60 °C
Operating temperature (fixed)  Operating temperature min. (dynamic)	-5 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic)	-5 °C 70 °C IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	-5 °C 70 °C
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	-5 °C 70 °C IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 Good, application-related testing
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	-5 °C 70 °C IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance	-5 °C 70 °C IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing Good, application-related testing   DIN EN 60811-404
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic)	-5 °C  70 °C  IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  Good, application-related testing   DIN EN 60811-404  5 x Outer diameter
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed)	-5 °C 70 °C IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing Good, application-related testing   DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter
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)	-5 °C 70 °C IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing Good, application-related testing   DIN EN 60811-404 5 x Outer diameter 10 x Outer diameter
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	-5 °C  70 °C  IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  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
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	-5 °C  70 °C  IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  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
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	-5 °C 70 °C IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 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
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	-5 °C  70 °C  IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  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  19  M12
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	-5 °C  70 °C  IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing   DIN EN 60811-404  5 × Outer diameter  10 × Outer diameter  2 Mio. @ 25 °C  free cable end  19  M12  female
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	-5 °C 70 °C IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 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 19 M12 female black
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	-5 °C 70 °C IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 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 19 M12 female black A
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	-5 °C 70 °C IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 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 19 M12 female black A 5
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 PIN 2	-5 °C 70 °C IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 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 19 M12 female black A
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 PIN 2 PIN 3	-5 °C 70 °C IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 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 19 M12 female black A 5
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 PIN 2	-5 °C 70 °C IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 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 19 M12 female black A 5