

CAP FOR D-BOX M12 4-WAY 5-POLE

No pot.-sep. 3m PUR, 8x0,5+3x1,0

for 4-way distribution boxes, 5-pole 3.0 m

Further cable lengths on request.

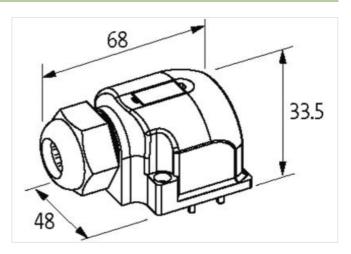
Plastic housings with good resistance against chemicals and oils.

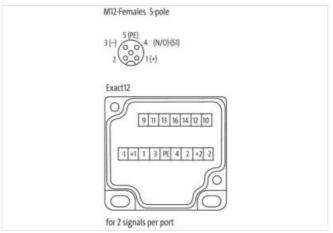
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







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

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: 2024-05-21



stay connected

EGLASS 11.0 27.440108 EGLASS 12.0 27.440108 ETM-6.0 ECXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ECLASS-10.1	27440108
ECLASS 12.0 27440169 ETIM-5.0 ECO02585		
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Shore hardness wire insulation 55 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free Amount strands (wire) 64 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE-E Outer diameter wire insulation (Data) 2,1 mm	Outer diameter insulation	1,6 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free Amount strands (wire) 64 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE-E Outer diameter wire insulation (Data) 2,1 mm	Outer diameter tolerance core insulation	±5%
Amount strands (wire) 64 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE-E Outer diameter wire insulation (Data) 2,1 mm	Shore hardness wire insulation	55 ± 3 Shore D
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE-E Outer diameter wire insulation (Data) 2,1 mm	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE-E Outer diameter wire insulation (Data) 2,1 mm	Amount strands (wire)	64
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE-E Outer diameter wire insulation (Data) 2,1 mm	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6 Material wire insulation (Data) TPE-E Outer diameter wire insulation (Data) 2,1 mm	Conductor crosssection (wire)	0,5 mm ²
Material wire insulation (Data) TPE-E Outer diameter wire insulation (Data) 2,1 mm	Material conductor wire	Stranded copper wire, bare
Outer diameter wire insulation (Data) 2,1 mm	Conductor type (wire)	strand class 6
150	Material wire insulation (Data)	TPE-E
Tolerance outer diameter wire insulation (data) ±5 %	Outer diameter wire insulation (Data)	2,1 mm
	Tolerance outer diameter wire insulation (data)	±5%



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Ingredient feeness wire insulation (Data) Isad-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free	Shore hardness wire insulation (Data)	55 ± 3 Shore D
Amount wires (Data) 128 Amount strands wire (Data) 128 Diameter of single wires (Data) 128 Diameter of single wires (Data) 1, mm Conductor crosssection wire (Data) 1 mm² Mile conductor rosssection wire (Data) 1 mm² Mile conductor rype (Data) 1 mm² Mile conductor sync (Mile Co		
Amount strands wire (Data) Diameter of single wires (Data) O, I mm Oranductor rossection wire (Data) Stranded copper wire, bare Wire conductor type (Data) Stranded copper wire, bare Stranded copper wire, bare Wire conductor type (Data) Stranded copper wire, bare Stranded college wire Stranded voltage (conductor **) Stranded copper wire, bare Stranded voltage (conductor **) Stranded copper wire, bare Stranded voltage (conductor **) Stranded voltage (conductor **) Stranded copper wire, bare Stranded voltage (conductor **) Stranded voltage (conductor **) Stranded copper wire, bare Stranded voltage (conductor **) Stranded voltage (conductor **) Stranded voltage (conductor **) Stranded voltage (conductor **) Stranded voltage (c		
Diameter of single wires (Data) 0.1 mm		
Conductor crosssection wire (Data) 1 mm²	. ,	
Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Wire conductor (per (Conductor - ground) 50 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (win. Wire (Data) 15 A Current load capacity min. Wire (Data) 15 A Electrical resistance line constant wire 30 Qkm @ 20 °C Electrical resistance coating wire (Data) 20 Qkm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Rower (Power (Power) 2 kV @ 60 s Min. operating temperature (fixed) 90 °C Operating temperature (mix. (dynamic)) 40 °C Operating temperature max. (opnamic) 90 °C Coperating temperature max. (opnamic) 90 °C Flame resistance Good. application-related testing Gasoline resistance Good. application-related testing Oli resistance DIN EN 6881-404 (Good. application-related testing Bending radius (fixed) x Outer diameter	Conductor crosssection wire (Data)	·
Wire conductor type (Data) strand class 6 Max. rated voltage (conductor - conductor) 500 V Current load capacity (sandardor) to DIN VDE 0298-4 Current load capacity min. Wire 5,9 A Current load capacity min. Wire (Data) 15 A Electrical resistance line constant wire 39 Q/km @ 20 °C Electrical resistance coating wire (Data) 20 Q/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature min. (dynamic) -90 °C Operating temperature min. (dynamic) -90 °C Operating temperature min. (dynamic) -90 °C Operating temperature min. (dynamic) 90 °C Operating temperature min. (dynamic) -40 °C Operating temperature min. (dynamic) -40 °C Operating temperature min. (dynamic) -40 °C Operating temperature min. (dynamic) -90 °C Operating temperature min. (dynamic) -10 °C Gasoline resistance	<u> </u>	
Max. rated voitage (conductor - conductor) 500 V Max. rated voitage (conductor - ground) 300 V Current load capacity win. wire 5.9 A Current load capacity min. Wire (Data) 15 A Electrical resistance line constant wire 30 Ω/km @ 20 °C Electrical resistance coating wire (Data) 2 kV @ 60 s Power frequency witshard voitage (wire - wire) 2 kV @ 60 s Power frequency witshard voitage (wire - kicket) 2 kV @ 60 s Incomparing temperature (fixed) 90 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) 90 °C Operating temperature min. (dynamic) 90 °C Poperating temperature min. (dynamic) 90 °C Plame resistance UL 1581 § 1000 UL 1581 § 1100 FT2 IEC 60332-2-2 Chemical resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (installation) x Outer diameter Bending radius (fynamic) 10 x Outer diameter No. of torsion cycles 0,5 Mio. </td <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td>	· · · · · · · · · · · · · · · · · · ·	
Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 15 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (otal) 20 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - gicket) 30 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Max. operating temperature (Static) 40 °C Max. operating temperature (lixed) 90 °C Operating temperature min. (dynamic) 40 °C Operating temperature min. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance DIN EN 50811-4041 (Good, application-related testing) Bending radius (installation) x Outer diameter Bend		
Current load capacity min. Wire (Data) 5,9 A Current load capacity min. Wire (Data) 15 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 3 V @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (iked) 90 °C Operating temperature max. (dynamic) 90 °C Clarial resistance Good, application-related testing Casoline resistance Good, application-related testing Cli resistance DIN EN 60811-404 Good, application-related testing Din resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) x Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Connection type 3 11 Family construction form free cable end No. of poles	Max. rated voltage (conductor - ground)	300 V
Current load capacity min. Wire (Data) 15 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - glack) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -40 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1990 UL 1581 § 1100 FT2 IEC 60332-22 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) × Outer diameter Bending radius (gynamic) 10 × Outer diameter Bending radius (gynamic) 10 × Outer diameter Bending radius (gynamic) 10 × Outer diameter No. of bridge (Cytack) 5 Mio. @ 25 °C Travel speed (Cytack) 2 m/s @ 25 °C	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire 39 Ω/km @ 20 °C	Current load capacity min. wire	5,9 A
Electrical resistance coating wire (Data)	Current load capacity min. Wire (Data)	15 A
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - included of	Electrical resistance line constant wire	39 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s ijacket) 40 °C Max. operating temperature (fixed) 90 °C Operating temperature mim. (dynamic) 40 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (sinstallation) x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles (C-track) 5 Mio. @ 25 °C Travel speed (C-track) 2 mis @ 25 °C No. of torsion cycles 0,5 Mio. Torsion stress ± 180 °/m Connection type 3 Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 13 Family construction form M12 Gender </td <td>Electrical resistance coating wire (Data)</td> <td>20 Ω/km @ 20 °C</td>	Electrical resistance coating wire (Data)	20 Ω/km @ 20 °C
A N	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -40 °C Operating temperature max. (dynamic) 90 °C Filame resistance UL 1581 § 1199 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 5 Mio. 25 °C Travel speed (C-track) 2 m/s @ 25 °C No. of torsion cycles 0,5 Mio. Torsion stress ± 180 °/m Connection type 3 Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 13 Family construction form M12 Gender female Color contact carrier black Coding	Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Operating temperature min. (dynamic) -40 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C No. of torsion cycles 0,5 Mio. Torsion stress ± 180 °/m Connection type 3 Family construction form Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 13 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 20 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending	Max. operating temperature (fixed)	90 °C
Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Good application related testing DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C Toxolo stress ± 180 °/m Connection type 3 Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 13 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 1 + PIN 1 - P	Operating temperature min. (dynamic)	-40 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C No. of torsion cycles 0,5 Mio. Torsion stress ± 180 °/m Connection type 3 Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 13 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 FIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Operating temperature max. (dynamic)	90 °C
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C No. of torsion cycles 0,5 Mio. Torsion stress ± 180 °/m Connection type 3 Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 13 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	Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 5 Mio. @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C No. of torsion cycles 0,5 Mio. Torsion stress ± 180 °/m Connection type 3 Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 13 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	chemical resistance	Good, application-related testing
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No. of bending cycles (C-track) 5 Mio. @ 25 °C Travel speed (C-track) 2 m/s @ 25 °C No. of torsion cycles 0,5 Mio. Torsion stress ± 180 °/m Connection type 3 Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 13 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	Bending radius (fixed)	x Outer diameter
Travel speed (C-track) 2 m/s @ 25 °C No. of torsion cycles 0,5 Mio. Torsion stress ± 180 °/m Connection type 3 Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 13 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	Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles 0,5 Mio. Torsion stress ± 180 °/m Connection type 3 Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 13 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	No. of bending cycles (C-track)	
Torsion stress ± 180 °/m Connection type 3 Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 13 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	Travel speed (C-track)	2 m/s @ 25 °C
Connection type 3 Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 13 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	No. of torsion cycles	0,5 Mio.
Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 13 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	Torsion stress	± 180 °/m
No. of poles 11 Family construction form free cable end No. of poles 13 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	Connection type 3	
Family construction form free cable end No. of poles 13 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	Family construction form	free cable end
No. of poles 13 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	No. of poles	11
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	Family construction form	free cable end
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	No. of poles	13
Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Family construction form	M12
Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Gender	female
No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Color contact carrier	black
PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Coding	A
PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	No. of poles	5
PIN 3 - NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	NC S 2
	PIN 3	-
PIN 5 PE	PIN 4	NO S 1
	PIN 5	PE