

## M12 female recept. A-cod. rear

PVC 8x0.25 gy UL/CSA 1,5m

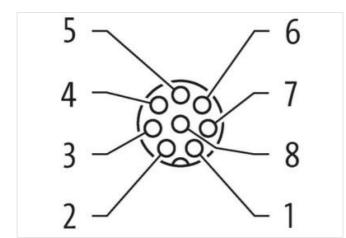
Flange female M12, 8-pole Rear mounting Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

## Illustration



1	─┐ WH	
2	BN	
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>	─ WH	
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Product may differ from Image



Cable length	1,5 m	
Side 1		
Mounting method	inserted, screwed	
Family construction form	M12	

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ECLASS-6.1     2727       ECLASS-7.0     2744       ECLASS-8.0     2744       ECLASS-9.0     2744       ECLASS-10.1     2744       ECLASS-11.1     2744       ECLASS-12.0     2744       ETIM-5.0     EC00       customs tariff number     8544       GTIN     4065       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     2 A       Installation   Connection     M16       Width across flats     SW19	79218     79220     10103     101825     142290     14290     10103     10104
Degree of protection (EN IEC 60529)     IP67       Commercial data     ECLASS-6.0     2727       ECLASS-6.1     2727     ECLASS-6.1     2727       ECLASS-6.1     2727     ECLASS-6.1     2727       ECLASS-7.0     2744     ECLASS-7.0     2744       ECLASS-9.0     2744     ECLASS-10.1     2744       ECLASS-10.1     2744     ECLASS-11.1     2744       ECLASS-12.0     2744     ECLASS-12.0     2744       ETIM-5.0     EC000     customs tariff number     8544       GTIN     4065     Packaging unit     1       Electrical data   Supply     Operating voltage AC max.     30 V       Operating voltage DC max.     30 V     Querrent operating per contact max.     2 A       Installation   Connection     M16     Width across flats     SW11       Device protection   Electrical     SW11     SW11	79218     79220     10103     10104     10105     10105     10106     10107     10108     10109
Commercial data       ECLASS-6.0     2727       ECLASS-6.1     2727       ECLASS-6.1     2727       ECLASS-6.1     2727       ECLASS-6.1     2727       ECLASS-6.1     2727       ECLASS-7.0     2744       ECLASS-8.0     2744       ECLASS-9.0     2744       ECLASS-10.1     2744       ECLASS-11.1     2744       ECLASS-12.0     2744       ETIM-5.0     ECOC       customs tariff number     8544       GTIN     4065       Packaging unit     1       Electrical data   Supply     Operating voltage AC max.       Operating voltage DC max.     30 V       Current operating per contact max.     2 A       Installation   Connection     M16       Width across flats     SW19       Device protection   Electrical     SW19	79218     79220     10103     10104     10105     10105     10106     10107     10108     10109
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ECLASS-6.1     2727       ECLASS-7.0     2744       ECLASS-8.0     2744       ECLASS-9.0     2744       ECLASS-10.1     2744       ECLASS-11.1     2744       ECLASS-12.0     2744       ETIM-5.0     EC00       customs tariff number     8544       GTIN     4065       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     2 A       Installation   Connection     M16       Width across flats     SW19	79220 10103 10103 10103 10103 10103 10103 10103 10103 101855 14290 5909057964
ECLASS-7.0     2744       ECLASS-8.0     2744       ECLASS-9.0     2744       ECLASS-10.1     2744       ECLASS-11.1     2744       ECLASS-12.0     2744       ECLASS-12.0     2744       ETIM-5.0     ECOC       customs tariff number     8544       GTIN     4065       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     2 A       Installation   Connection     M16       Width across flats     SW19       Device protection   Electrical     SW19	40103     40103     40103     40103     40103     40103     40103     60103     5009057964
ECLASS-8.0     2744       ECLASS-9.0     2744       ECLASS-10.1     2744       ECLASS-11.1     2744       ECLASS-12.0     2744       ETIM-5.0     ECOC       customs tariff number     8544       GTIN     4065       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     2 A       Installation   Connection     M16       Width across flats     SW19	40103 40103 40103 40103 40103 40103 01855 44290 5909057964
ECLASS-9.0     2744       ECLASS-10.1     2744       ECLASS-11.1     2744       ECLASS-12.0     2744       ETIM-5.0     EC00       customs tariff number     8544       GTIN     4065       Packaging unit     1       Electrical data   Supply     0       Operating voltage AC max.     30 V       Operating voltage DC max.     30 V       Current operating per contact max.     2 A       Installation   Connection     M16       Width across flats     SW19       Device protection   Electrical     SW19	40103 40103 40103 40103 40103 01855 44290 5909057964
ECLASS-10.1   2744     ECLASS-11.1   2744     ECLASS-12.0   2744     ETIM-5.0   ECOC     customs tariff number   8544     GTIN   4065     Packaging unit   1     Electrical data   Supply   0     Operating voltage AC max.   30 V     Operating voltage DC max.   30 V     Current operating per contact max.   2 A     Installation   Connection   M16     Width across flats   SW19     Device protection   Electrical   1	40103 40103 40103 01855 14290 5909057964
ECLASS-11.12744ECLASS-12.02744ETIM-5.0ECOCcustoms tariff number8544GTIN4065Packaging unit1Electrical data   SupplyOperating voltage AC max.30 VOperating voltage DC max.30 VCurrent operating per contact max.2 AInstallation   ConnectionM16Width across flatsSW19Device protection   Electrical	40103 40103 01855 44290 5909057964
ECLASS-12.02744ETIM-5.0ECOCcustoms tariff number8544GTIN4065Packaging unit1Electrical data   SupplyOperating voltage AC max.30 VOperating voltage DC max.30 VCurrent operating per contact max.2 AInstallation   ConnectionM16Width across flatsSW19Device protection   Electrical	10103 01855 14290 5909057964
ETIM-5.0EC00customs tariff number8544GTIN4065Packaging unit1Electrical data   Supply0Operating voltage AC max.30 VOperating voltage DC max.30 VCurrent operating per contact max.2 AInstallation   ConnectionM16Width across flatsSW19Device protection   Electrical	01855 14290 5909057964
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GTIN   4065     Packaging unit   1     Electrical data   Supply   0     Operating voltage AC max.   30 V     Operating voltage DC max.   30 V     Current operating per contact max.   2 A     Installation   Connection   M16     Width across flats   SW19     Device protection   Electrical   1	5909057964
Packaging unit   1     Electrical data   Supply     Operating voltage AC max.   30 V     Operating voltage DC max.   30 V     Current operating per contact max.   2 A     Installation   Connection   M16     Wouth across flats   SW19     Device protection   Electrical   SW19	
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Operating voltage DC max. 30 V   Current operating per contact max. 2 A   Installation   Connection   Mounting set M16   Width across flats SW19   Device protection   Electrical	
Current operating per contact max.   2 A     Installation   Connection   Mounting set     Mounting set   M16     Width across flats   SW19     Device protection   Electrical	
Installation   Connection     Mounting set   M16     Width across flats   SW11     Device protection   Electrical	
Mounting set M16   Width across flats SW1   Device protection   Electrical	
Width across flats SW1   Device protection   Electrical	
Width across flats SW1   Device protection   Electrical	x 1.5
Device protection   Electrical	
Protection NEMA 3, 4,	6P
	rted, screwed
Pollution Degree 3	
Rated surge voltage 0,8 k	.V
Material group (IEC 60664-1)	
Mechanical data   Material data	
Coating of fitting nicke	el plated
Material screw connection Brass	
	•
Environmental characteristics   Climatic	
Operating temperature min25 °C	
Operating temperature max. 85 °C	
Additional condition temperature range depe	ending on cable quality
Important installation notes	
Note on strain relief Prote	ect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
	ntion: Observe the permissible bending radii when laying cables, as the IP protection class can be angered by excessive bending forces.
Approvals	
UL 50E yes	
Installation   Cable	
Cable identification 207	
Cable Type 1	
Jacket Color gray	
Type of Certificate CURu	US
Amount stranding 1	
	res around Core filler twisted
Filler yes	
wire arrangement brow	/n, white, red, blue, pink, gray, yellow, green

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Cable weigth	58,3 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	8
Outer diameter insulation	1,2 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3 A
Electrical resistance line constant wire	79 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)	0° 08
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	0° 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

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