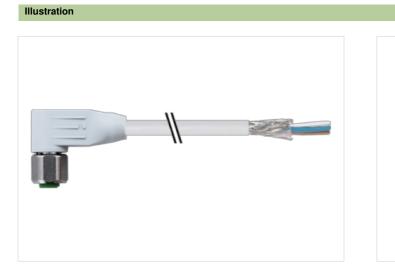


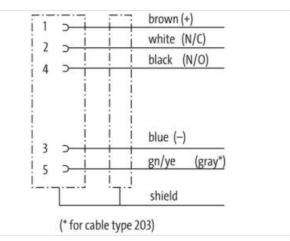
M12 female 90° A-cod. with cable shielded F&B

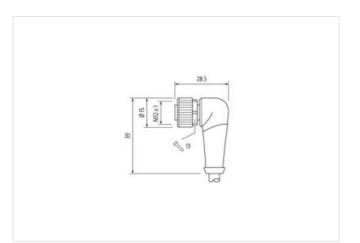
PVC 5x0.34 shielded gy 7.5m

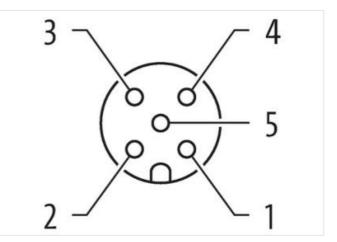
Plug Connectors for Food & Beverage Female 90° M12, 5-pole shielded A-coded Profile gasket Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product









Product may differ from Image



Cable length

7,5 m

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Side 1

Family construction form M12 Thread M12 Thread M12 Coding A No. of poles 5 Width across flats SW1 Degree of protection (EN IEC 60529) IP65 Side 2 Stripping length (jacket) 20 m Commercial data 20 m ECLASS-6.0 2727 ECLASS-7.0 2727 ECLASS-8.0 2727 ECLASS-9.0 2706 ECLASS-10.1 2706 ECLASS-11.1 2706 ECLASS-12.0 2706	erted, screwed 2 2 x 1 //14 5, IP68
Family construction form M12 Thread M12 Thread M12 Coding A No. of poles 5 Width across flats SW1 Degree of protection (EN IEC 60529) IP65 Side 2 20 m Stripping length (jacket) 20 m Commercial data 2727 ECLASS-6.0 2727 ECLASS-7.0 2727 ECLASS-8.0 2727 ECLASS-9.0 2706 ECLASS-10.1 2706 ECLASS-11.1 2706 ECLASS-12.0 2706	2 x 1 //14 5, IP68 mm 279218 2792
Thread M12 Coding A No. of poles 5 Width across flats SW1 Degree of protection (EN IEC 60529) IP65 Side 2 Stripping length (jacket) 20 m Commercial data 20 m ECLASS-6.0 2727 ECLASS-7.0 2727 ECLASS-8.0 2727 ECLASS-9.0 2706 ECLASS-10.1 2706 ECLASS-11.1 2706 ECLASS-12.0 2706	2 x 1 /14 5, IP68 mm 279218 279219 279218 279218 279218 279219 279219 279218 279219 279219 279219 279219 279219 279219 279219 279218 279218 279218 279218 279219 279218 279218 279218 279218 279218 279218 279218 279218 279218 279218 279218 279218 279218 279218 279218 279218 279218 279218 279218 279219 279218 279218 279218 279218 279218 279218 279218 279218 279218 279219 279218 27921
Coding A No. of poles 5 Width across flats SW1 Degree of protection (EN IEC 60529) IP65 Side 2 Stripping length (jacket) 20 m Commercial data ECLASS-6.0 2727 ECLASS-7.0 2727 ECLASS-8.0 2727 ECLASS-9.0 2706 ECLASS-10.1 2706 ECLASS-12.0 2706 ETIM-5.0 ECO	/14 5, IP68 mm 279218 279218 279218 279218 279218 279218 279218 260311 060311 060311 060311 060311 060311
No. of poles 5 Width across flats SW1 Degree of protection (EN IEC 60529) IP65 Side 2 2 Stripping length (jacket) 20 m Commercial data 2 ECLASS-6.0 2727 ECLASS-7.0 2727 ECLASS-8.0 2727 ECLASS-9.0 2706 ECLASS-10.1 2706 ECLASS-11.1 2706 ECLASS-12.0 2706	5, IP68 mm 279218 279218 279218 279218 279218 279218 260311 26031 26031 26031 26031 26031 26031 26031 26031 26031 26031 26031 26031 2603 260 260 260 260 260 260 260 260 260 260
Width across flats SW1 Degree of protection (EN IEC 60529) IP65 Side 2 Stripping length (jacket) 20 m Commercial data 20 m 20 m ECLASS-6.0 2727 2727 ECLASS-7.0 2727 2727 ECLASS-8.0 2727 2706 ECLASS-9.0 2706 2706 ECLASS-11.1 2706 2706 ECLASS-12.0 2706 2706	5, IP68 mm 279218 279218 279218 279218 279218 279218 260311 26031 26031 26031 26031 26031 26031 26031 26031 26031 26031 26031 26031 2603 260 260 260 260 260 260 260 260 260 260
Degree of protection (EN IEC 60529) IP65 Side 2 20 m Stripping length (jacket) 20 m Commercial data 20 m ECLASS-6.0 2727 ECLASS-7.0 2727 ECLASS-8.0 2727 ECLASS-9.0 2706 ECLASS-10.1 2706 ECLASS-11.1 2706 ECLASS-12.0 2706	5, IP68 mm 279218 279218 279218 279218 279218 279218 260311 26031 26031 26031 26031 26031 26031 26031 26031 26031 26031 26031 26031 2603 260 260 260 260 260 260 260 260 260 260
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ECLASS-7.0 2727 ECLASS-8.0 2727 ECLASS-9.0 2706 ECLASS-10.1 2706 ECLASS-11.1 2706 ECLASS-12.0 2706 ETIM-5.0 ECO	279218 279218 060311 060311 060311 060311 0001855 144290
ECLASS-8.0 2727 ECLASS-9.0 2706 ECLASS-10.1 2706 ECLASS-11.1 2706 ECLASS-12.0 2706 ETIM-5.0 ECO	279218 060311 060311 060311 060311 060311 001855 144290
ECLASS-9.0 2706 ECLASS-10.1 2706 ECLASS-11.1 2706 ECLASS-12.0 2706 ETIM-5.0 ECO	060311 060311 060311 060311 001855 144290
ECLASS-10.1 2706 ECLASS-11.1 2706 ECLASS-12.0 2706 ETIM-5.0 ECO	060311 060311 060311 001855 144290
ECLASS-11.1 2706 ECLASS-12.0 2706 ETIM-5.0 ECO	060311 060311 001855 144290
ECLASS-12.0 2706 ETIM-5.0 ECO	060311 001855 144290
ETIM-5.0 ECO	001855 144290
	144290
customs tariff number 8544	
	19970109553
	0073100000
Packaging unit 1	
Electrical data Supply	
Operating voltage AC max. 60 V	V
Operating voltage DC max. 60 V	V
Current operating per contact max. 4 A	
Diagnostics	
Status indication LED no	
Installation Connection	
Stripping length (jacket) 20 m	mm
Device protection Electrical	
	erted, screwed
Pollution Degree 3	
Rated surge voltage 1,5 k	kV
Material group (IEC 60664-1)	
Mechanical data Material data	
· · · · · · · · · · · · · · · · · · ·	inless steel 1.4404 (V4A)
-	
Mechanical data Mounting data	
-	erted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min25 °	
Operating temperature max. 85 °C	
Additional condition temperature range depe	pending on cable quality
Important installation notes	
Note on strain relief Prote	tect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
	ention: Observe the permissible bending radii when laying cables, as the IP protection class can be langered by excessive bending forces.
Installation Cable	
wire arrangement brow	wn, black, blue, white, green-yellow

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Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl



Cable identification	348
Jacket Color	gray
Amount stranding	1
Stranding	5 wires around Core filler twisted
Stranding factor min.	75 mm
Stranding factor max.	75 mm
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Foil
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	72,05 g/m
Material jacket	PVC
Shore hardness jacket	75 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	85 Shore A
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage (wire - shield)	1,5 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° ℃
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic)	15 x Outer diameter

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