

M12 male 0° / M12 female 0° A-cod. shielded F&B

PVC 0.5+0.25 shielded gy 0.15m

F&B

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

Cube67

Male straight - female straight

M12 – M12, 6-pole

shielded

A-coded

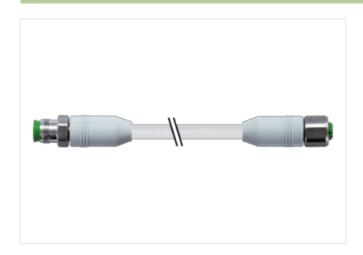
Stainless steel 1.4404 (V4A)

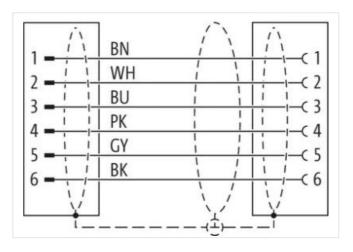
Hybrid cable

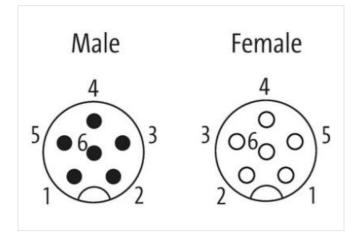
Plastic housings with good resistance against chemicals and oils.

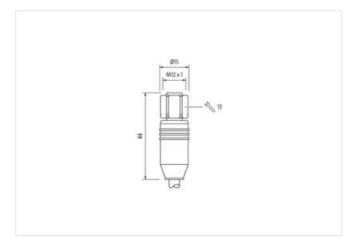
Link to Product

Illustration



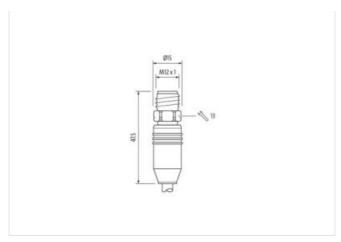








stay connected



Product may differ from Image

Cable length	0.15 m
Side 1	· ·
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Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
No. of poles	6
Degree of protection (EN IEC 60529)	IP65, IP68
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
No. of poles	6
Width across flats	SW14
Degree of protection (EN IEC 60529)	IP65, IP68
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879811262
Packaging unit	1
Electrical data Supply	



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Operating voltage DC max. 4 A A A A A A A A A A A A A A A A A A	Operating voltage AC max.	30 V
Diagnostics Status indication LED no Device protection Electrical Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Batted surge vortage 0,9 8 V Mactical grader FKM Michanical datal Matorial data Maturial grader Multiral graderial FKM Mechanical datal Multiral data FKM Multiral graderial registry FKM Mechanical datal Multiral data FKM Multiral graderial registry FVB Locking material registry Statistics steel 1.4404 (V4A) Multiral graderial registry Material registry Mechanical datal Multiral data Multiral graderial registry Multiral graderial registry FVBR Multiral graderial registry Statistics (V4A) Multiral graderial registry Multiral graderial registry Environmental Characteristics Climatic Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable less. Note on statin registry Attention: Observe the permissible bending radii when laying cables, as the IP protect		30 V
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Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare	Material wire insulation	
Ingredient freeness wire insulation lead-free, CFC-free Conductor crosssection (wire) 0,5 mm² Material conductor wire Stranded copper wire, bare		
Conductor crosssection (wire) 0,5 mm ² Material conductor wire Stranded copper wire, bare	Amount wires	4
Conductor crosssection (wire) 0,5 mm ² Material conductor wire Stranded copper wire, bare	Amount wires Outer diameter insulation	4 1,5 mm
······································	Amount wires Outer diameter insulation Outer diameter tolerance core insulation	4 1,5 mm ± 5 %
Material wire insulation (Data) TPE-E	Amount wires Outer diameter insulation Outer diameter tolerance core insulation Ingredient freeness wire insulation	4 1,5 mm ± 5 % lead-free, CFC-free
	Amount wires Outer diameter insulation Outer diameter tolerance core insulation Ingredient freeness wire insulation Conductor crosssection (wire)	4 1,5 mm ± 5 % lead-free, CFC-free 0,5 mm ²
Outer diameter wire insulation (Data) 1,4 mm	Amount wires Outer diameter insulation Outer diameter tolerance core insulation Ingredient freeness wire insulation Conductor crosssection (wire) Material conductor wire	1,5 mm ± 5 % lead-free, CFC-free 0,5 mm² Stranded copper wire, bare

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: 2024-06-02



Tolerance outer diameter wire insulation (data	ı) ±5%
Ingredient freeness wire insulation (Data)	lead-free, CFC-free
Amount wires (Data)	2
Conductor crosssection wire (Data)	0,25 mm²
Material conductor wire (Data)	Stranded copper wire, bare
Nominal voltage AC max.	500 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Current load capacity min. Wire (Data)	7,2 A
Electrical resistance line constant wire	75 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	34 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Electric inductivity line constant	0,65 mH/km
Power frequency withstand voltage (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage (wire - shield)	1,2 kV @ 60 s
Isolation resistance	200 MΩ × km
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
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
Traversing distance (C-track)	5 m
Travel speed (C-track)	2 m/s