

M12 male 0° / M12 female 90° A-cod. shielded

PVC 5x0.34 shielded gy 5.5m

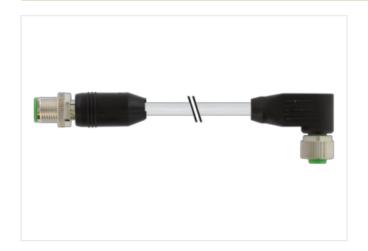
Male straight – female 90° M12 – M12, 5-pole shielded

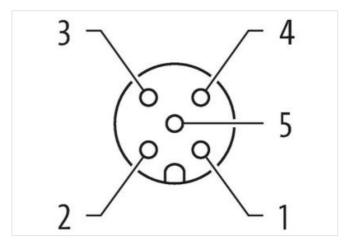
Plastic housings with good resistance against chemicals and oils.

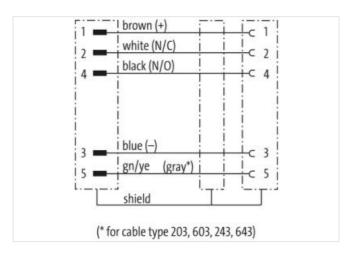
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

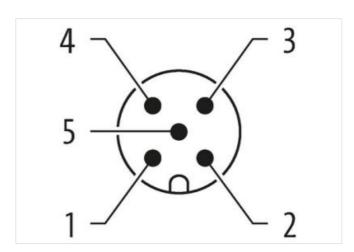
Link to Product

Illustration



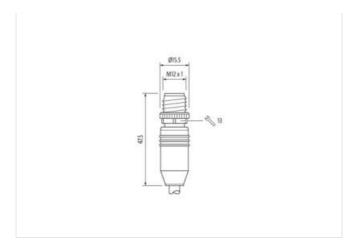


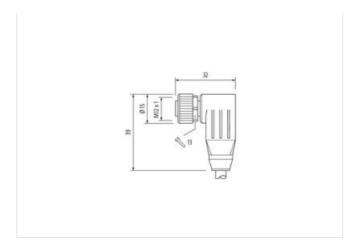






stay connected





Product may differ from Image











Cable length	5,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879665834
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V



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Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	WIEX I
•	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
•	05.00
Operating temperature min.	-25 °C 85 °C
Operating temperature max. Additional condition temperature range	depending on cable quality
	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation Cable	
Cable identification	348
Gubio idontinoution	340
Jacket Color	gray
Jacket Color	gray
Jacket Color Amount stranding	gray 1
Jacket Color Amount stranding Stranding	gray 1 5 wires around Core filler twisted
Jacket Color Amount stranding Stranding Stranding factor min.	gray 1 5 wires around Core filler twisted 75 mm
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max.	gray 1 5 wires around Core filler twisted 75 mm 75 mm
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type)	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type) Cable shielding (coverage)	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned 85 %
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type) Cable shielding (coverage) Banding	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned 85 % Foil
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type) Cable shielding (coverage) Banding Filler	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned 85 % Foil yes
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned 85 % Foil yes brown, black, blue, white, green-yellow
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned 85 % Foil yes brown, black, blue, white, green-yellow 72,05 g/m
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned 85 % Foil yes brown, black, blue, white, green-yellow 72,05 g/m PVC
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned 85 % Foil yes brown, black, blue, white, green-yellow 72,05 g/m PVC 75 Shore A lead-free, cadmium-free, CFC-free 5,9 mm
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned 85 % Foil yes brown, black, blue, white, green-yellow 72,05 g/m PVC 75 Shore A lead-free, cadmium-free, CFC-free 5,9 mm ± 5 %
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned 85 % Foil yes brown, black, blue, white, green-yellow 72,05 g/m PVC 75 Shore A lead-free, cadmium-free, CFC-free 5,9 mm
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned 85 % Foil yes brown, black, blue, white, green-yellow 72,05 g/m PVC 75 Shore A lead-free, cadmium-free, CFC-free 5,9 mm ± 5 %
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned 85 % Foil yes brown, black, blue, white, green-yellow 72,05 g/m PVC 75 Shore A lead-free, cadmium-free, CFC-free 5,9 mm ± 5 % PVC
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned 85 % Foil yes brown, black, blue, white, green-yellow 72,05 g/m PVC 75 Shore A lead-free, cadmium-free, CFC-free 5,9 mm ± 5 % PVC 5 1,4 mm ± 5 %
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned 85 % Foil yes brown, black, blue, white, green-yellow 72,05 g/m PVC 75 Shore A lead-free, cadmium-free, CFC-free 5,9 mm ± 5 % PVC 5 1,4 mm ± 5 % 85 Shore A
Jacket Color Amount stranding Stranding Stranding factor min. Stranding factor max. Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	gray 1 5 wires around Core filler twisted 75 mm 75 mm copper braid, tinned 85 % Foil yes brown, black, blue, white, green-yellow 72,05 g/m PVC 75 Shore A lead-free, cadmium-free, CFC-free 5,9 mm ± 5 % PVC 5 1,4 mm ± 5 %



Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
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)	80 °C
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