

M16 MALE, 0° 14 POLE,

PUR 8x0.25 + 2x0,5 black 2m

Art.No.: 7000-16751-9590200

Weight: 0.193

Country of origin: DE

Model designation: M16 ST., GERADE, 14POL., 2M PUR LEITUNG

Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available [on request](#)

If you are missing technical information? Please feel free to use our [dictionary](#) to find more technical details.

Product details:

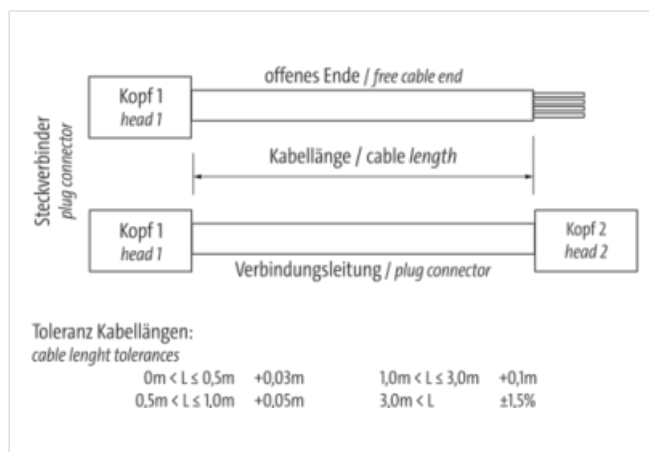
Male straight

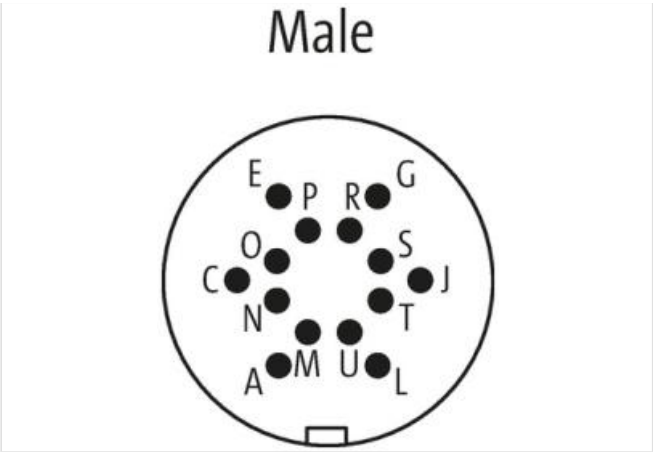
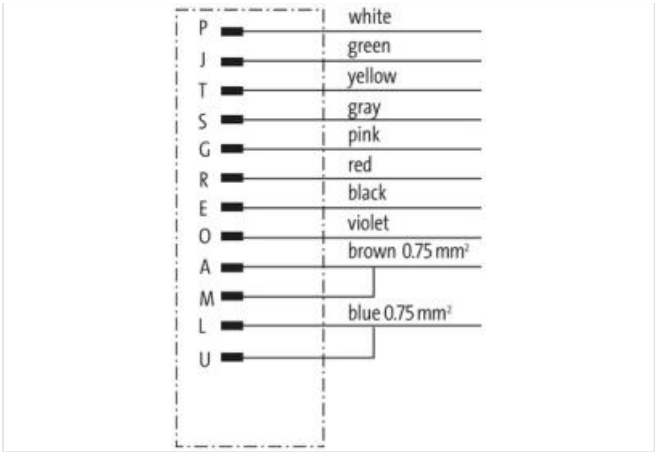
M16, 14-pole

partly used

with cable sleeves

Further cable lengths on request.

[Link to Product](#)**Illustration**



Product may differ from Image

Cable length	2 m
Side 1	
Mounting method	inserted, screwed
Family construction form	M16
Material	PUR
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
customs tariff number	85444290
EAN	4048879196727
EAN	4048879196727
Packaging unit	1
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	24 V
Operating voltage DC max.	24 V
Installation Connection	
Mounting set	M16 x 1.5
Mechanical data Material data	
Coating of fitting	nickel plated
Material screw connection	Brass
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	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

wire arrangement	white, green, yellow, gray, gray-pink, red-blue, green-white, brown-green, brown, blue
Cable identification	959
Jacket Color	black
wire arrangement	white, green, yellow, gray, gray-pink, red-blue, green-white, brown-green, brown, blue
Material jacket	PUR
Outer-diameter (jacket)	8 mm
Tolerance outer diameter (sheath)	± 5 %
Material inner jacket	PVC
Material wire insulation	PVC
Amount wires	8
Conductor crosssection (wire)	0,25 mm ²
Material wire insulation (Data)	PVC
Amount wires (Data)	2
Conductor crosssection wire (Data)	0,5 mm ²
Min. operating temperature (static)	-25 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °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 (dynamic)	15 x Outer diameter