

M8 female 0° A-cod. with cable

PUR 3x0.25 bk UL/CSA 4m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Female straight

M8, 3-pole

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

with cable sleeves

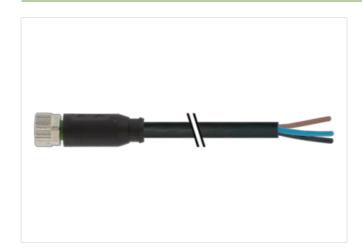
Plastic housings with good resistance against chemicals and oils.

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

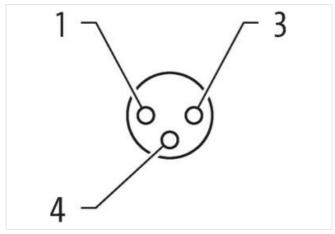
Further cable lengths on request.

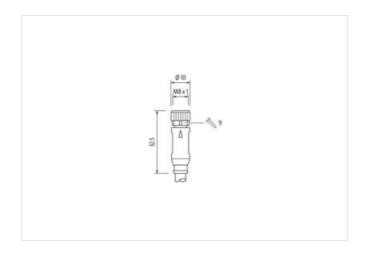
Link to Product

Illustration









Product may differ from Image













stay connected

Tightening torque	Cable length	4 m
Mounting method Insertied, screwed	Side 1	
Coating contact gold plated Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6.5 mm Cable outlet straight Coding A Material contact Copper alloy No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Stripping length (jacket) 20 mm Simple length (jacket) 20 mm Coating contact gold plated Family construction form fine cable and Consumpcontal data ECLASS 6.0 ECLASS 6.1 22729218 ECLASS 6.1 22729218 ECLASS 7.0 22729218 ECLASS 8.0 22729218 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 1-1.1 27060311 ECLASS 1-2.0 27060311 ECLASS 1-3.1 27060311 ECLASS 1-1.1 27060311 ECLASS 1-1.1 27060	Tightening torque	0,4 Nm
Family construction form M8	Mounting method	inserted, screwed
Thread	Coating contact	gold plated
suitable for corrugated tube (internal Ø) 6,5 mm Cable outlet straight Coding A Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IF65, IF66K, IP67 Stripping length (gacket) 20 mm Costing contact gold plated Family construction form free cable end Commercial data CLASS-6.0 ECLASS-8.1 27279218 ECLASS-8.1 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.3 27060311 ECLASS-1.0 27060311 ECLASS-1.0 20019155 customs tariff number 8544229 GTIN 4048879025893 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage A	Family construction form	M8
Cable outlet straight Coding A Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Stripping length (jacket) Omm Coating contract gold plated Family construction form free cable end Commercial data ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27769311 ECLASS 9.0 27669311 ECLASS 9.0 27669311 ECLASS 10.1 27060311 ECLASS 11.1 27060311 ECLASS 12.0 27660311 ETIM 5.0 EC001855 customs tariff number 85444290 GTIN 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage DC max.	Thread	M8 x 1
Coding	suitable for corrugated tube (internal Ø)	6,5 mm
Material contact	Cable outlet	straight
Material PUR No. of poles 3	Coding	A
No. of poles 3 Width across flats SW9	Material contact	Copper alloy
Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Stripping length (jacket) 20 mm Coating contact gold plated Family construction form free cable end Commercial date ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.2 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V	Material	PUR
Degree of protection (EN IEC 60529) IP65, IP66K, IP67	No. of poles	3
Stripping length (jacket)	Width across flats	SW9
Stripping length (jacket) 20 mm	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Coating contact gold plated Family construction form free cable end Commercial data Family construction form ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 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 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max.	Side 2	
Coating contact gold plated Family construction form free cable end Commercial data Family construction form ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 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 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max. 60 V Operating voltage DC max.	Stripping length (lacket)	20 mm
Family construction form free cable end		
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 customs tariff number 85444290 GTIN 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		
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 EC01855 customs tariff number 85444290 GTIN 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		07070010
ECLASS-7.0 2779218 ECLASS-8.0 2779218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		
ECLASS-8.0 2779218 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 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC max. 60 V Operating voltage DC max. 60 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		
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 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating voltage DC (UL-listed) 30 V Current operating ber contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		
ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		
ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		
ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage PC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		
customs tariff number 85444290 GTIN 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		
GTIN 4048879302593 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		
Packaging unit Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		
Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		
Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		1
Operating voltage DC max. 60 V Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical	Electrical data Supply	
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical	Operating voltage AC max.	50 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical	Operating voltage DC max.	60 V
Current operating per contact max. 4 A Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		30 V
Diagnostics Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical		30 V
Status indication LED no Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical	Current operating per contact max.	4 A
Installation Connection Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical	Diagnostics	
Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical	Status indication LED	no
Stripping length (jacket) 20 mm Mounting set M8 x 1 Device protection Electrical	Installation Connection	
Mounting set M8 x 1 Device protection Electrical		20 mm
Device protection Electrical		
Additional condition protection degree inserted, SCrewed		incorted corouged
	<u> </u>	
Pollution Degree 3		
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I		
		<u> </u>
Mechanical data Material data		
Coating locking Nickeled		
Coating of fitting nickel plated	Coating of fitting	nickel plated

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: 2024-05-17



stay connected

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	
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.
Conformity	
Product standard	DIN EN 61076-2-104 (M8)
	5.17 2.1 5137 5 2 10T (MO)
Installation Cable	
Cable identification	620
Cable Type	2
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	26,62 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,3 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 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 ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 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
	00.00
Max. operating temperature (fixed)	80 °C

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: 2024-05-17



Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C