

**M8 MALE ON REAR / MSUD DOUBLE VALVE PLUG 9.4 MM**

PUR 3X0.75 black

Form CI (9.4 mm) – M8, connector at the rear

24 V AC  $\pm 20\%$  / DC  $\pm 25\%$ 

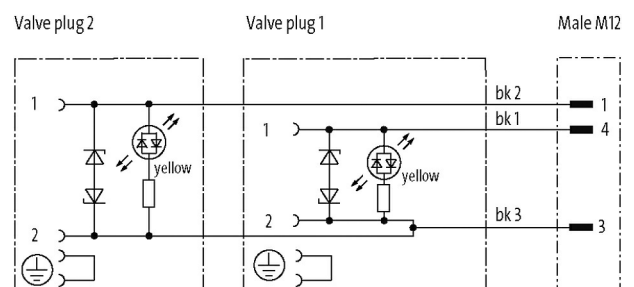
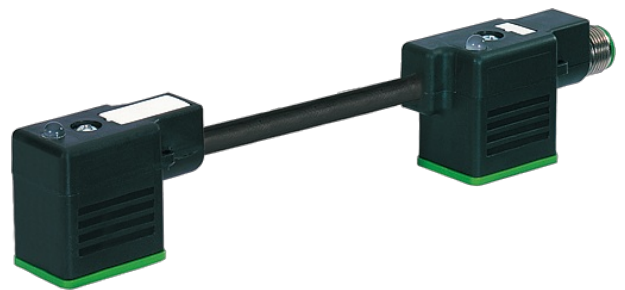
Suppressor diode

Connection cable L = 200 mm

without 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.

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

Product may differ from Image

**Form**

Form 89291

**General data**

Standards	DIN EN 61076-2-104 (M8)
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	MSUD (Ag); M8 (Au)
Material (gasket)	PUR
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

**Cables**

No./diameter of wires	3 x 0.75 mm <sup>2</sup>
Wire isolation	PVC (bk num, gnye)
C-track properties	2 Mio.
Material (jacket)	PUR/PVC (UL/CSA)
Outer Ø	5.9 mm $\pm 5\%$

Bend radius (moving)	15× outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	626
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	55,33
Material (wire)	Cu wire, bare
Resistor (core)	max. 26 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	42× 0.15 mm (multi-strand wire class 6)
Diameter (core)	3× 0.75 mm <sup>2</sup>
AWG	similar to AWG 18
Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	43 ±5 D
Wire-Ø incl. isolation	1.8 mm ±5%
Color/numbering of wires	bk numbered, gnye longitudinally striped
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PUR/PVC
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	5.9 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s <sup>2</sup>
Jacket Color	black

#### Technical Data

Operating voltage	24 V AC ±20% / DC ±25%
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
No. of poles	MSUD (4); M8 (3)
Current consumption	15 mA
Material group	IEC 60664-1, category I
Switch off peak	max. 55 V
LED display	yellow

Locking of ports	M3/M8 (recommended torque 0.4 Nm)
Compression gland	M8 (SW9)
Protection	IP67 inserted and tightened (EN 60529)
Material	MSUD (PBT); M8 (PUR)
Locking material	Brass, nickel plated
suitable for corrugated tube (internal Ø)	without
Housing	Black plastic (gray on request)
Additional suppressor	Suppressor diode

**Commercial data**

country of origin	CZ
customs tariff number	85444290
EAN	4048879363303
eClass	27143423
Packaging unit	1