

MSUD VALVE PLUG FORM CI 9.4 MM

PUR 3X0.75 YELLOW, ROBOT, drag ch 5m

MSUD

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

Form CI (9.4 mm)

0...230 V AC/DC

without components

3-pole

Bridged PE

without cable sleeves

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

[Link to Product](#)

Illustration



Product may differ from Image

Approvals

cCSAus

* only for products with UL/GSA approved cable

Form

Form 94061

General data

Pollution Degree 3

Material (gasket)	PUR
Temperature range	-25...+85 °C, depending on cable quality
Cables	
No./diameter of wires	3 × 0.75 mm ²
Wire isolation	PP (bk num, gnye)
C-track properties	10 Mio.
Material (jacket)	PUR (UL/CSA), welding spark
Outer Ø	5.2 mm ±5%
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C
Cable identification	056
Cable Type	5 (PUR schweißfunkenbeständig)
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	48,40
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 ²
AWG	similar to AWG 18
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	74 ±3 D
Wire-Ø incl. isolation	1.7 mm ±5%
Color/numbering of wires	bk numbered, gnye longitudinally striped
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis-, microbial- and welding spark resistant
Shore hardness (jacket)	58 ±3 D
Outer-Ø (jacket)	5.2 mm ±5%
Color (jacket)	yellow
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardant UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant
Nominal voltage	300 V AC
Test voltage	2500 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+80 °C, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile)	-25...+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (fixed)	5 × outer Ø
Bend radius (moving)	10 × outer Ø
No. of bending cycles (C-track)	max. 10 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 ²
Torsion stress	±360°/m
No. of torsion cycles	max. 1 Mio. (25 °C)

Torsion speed	35 cycles/min
---------------	---------------

Jacket Color	yellow
--------------	--------

Technical Data

Operating voltage	max. 230 V AC/DC
-------------------	------------------

Rated surge voltage	4.0 kV
---------------------	--------

Operating current per contact	max. 6 A
-------------------------------	----------

Material group	IEC 60664-1, category I
----------------	-------------------------

Locking of ports	M3 (recommended torque 0.4 Nm)
------------------	--------------------------------

Protection	IP67 inserted and tightened (EN 60529)
------------	--

Locking material	Steel (galvanized)
------------------	--------------------

Material	PBT
----------	-----

suitable for corrugated tube (internal Ø)	without
---	---------

Housing	Black plastic (gray on request)
---------	---------------------------------

Commercial data

country of origin	CZ
-------------------	----

customs tariff number	85444290
-----------------------	----------

EAN	4048879658867
-----	---------------

eClass	27279218
--------	----------

Packaging unit	1
----------------	---