

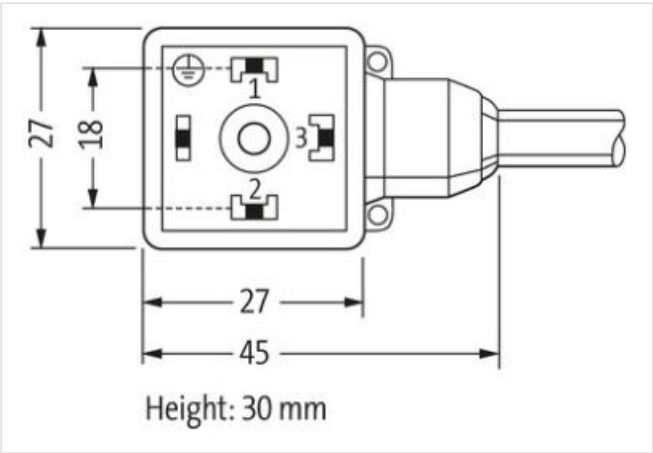
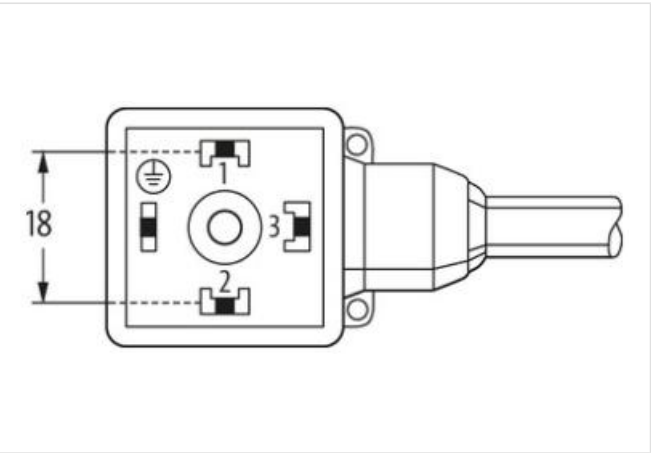
MSUD valve plug A-18mm with cable V4A

PVC 4x0.75 bk 15m

MSUD
Form A (18 mm)
230 V AC/DC
without components
Stainless steel 1.4578 (V4A)
Further cable lengths on request.
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 naar het product](#)

Afbeelding



Product van afwijken van afbeelding



Cable length 15 m

Side 1

Tightening torque	0,4 Nm
-------------------	--------

Family construction form	MSUD
--------------------------	------

Thread	M3
--------	----

Degree of protection (EN IEC 60529)	IP67
-------------------------------------	------

Commerciële gegevens

ECLASS-6.0	27279218
------------	----------

ECLASS-7.0	27279218
------------	----------

ECLASS-8.0	27279218
------------	----------

ECLASS-9.0	27060311
------------	----------

ECLASS-10.1	27060312
-------------	----------

ECLASS-11.1	27060312
-------------	----------

ECLASS-12.0	27060312
-------------	----------

ETIM-5.0	EC001855
----------	----------

Douane tarief nummer	85444290
----------------------	----------

GTIN	4048879863797
------	---------------

Verpakkingseenheid	1
--------------------	---

Electrical data | Supply

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

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

Current operating per contact max.	10 A
------------------------------------	------

Device protection | Electrical

Additional condition protection degree	inserted, screwed
--	-------------------

Pollution Degree	3
------------------	---

Rated surge voltage	4 kV
---------------------	------

Material group (IEC 60664-1)	I
------------------------------	---

Mechanical data | Material data

Color housing	black
---------------	-------

Material gasket	PUR
-----------------	-----

Material housing	PBT
------------------	-----

Locking material	Stainless steel 1.4578 (V4A)
------------------	------------------------------

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

Cable identification	617
----------------------	-----

Cable Type	1
------------	---

Printing color of wire insulation	white (isolation black)
-----------------------------------	-------------------------

Jacket Color	black
--------------	-------

Amount stranding	1
------------------	---

Stranding	4 wires twisted
-----------	-----------------

wire arrangement	black 1, black 2, black 3, green-yellow
------------------	---

Cable weight	77,66 g/m
--------------	-----------

Material jacket	PVC
-----------------	-----

Shore hardness jacket	80 ± 5 Shore A
-----------------------	----------------

Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
-----------------------------------	--

Outer-diameter (jacket)	6,5 mm
-------------------------	--------

Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,8 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
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	24
Diameter of single wires	0,2 mm
Conductor crosssection (wire)	0,75 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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	9,6 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
UV resistance	DIN EN ISO 4892-2 A
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 (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter