



Model Number

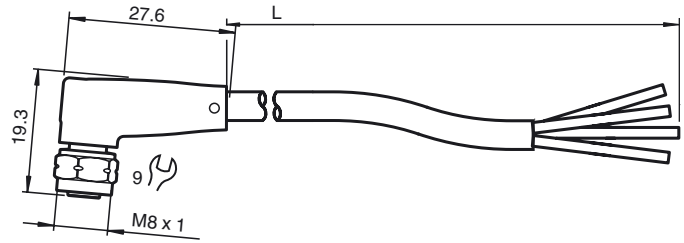
V31-WMV4A-5M-PP-W1

Single-ended female cordset, M8, V4A stainless steel, wash-down design, 4-pin, PP cable

Features

- Suitable for applications in the splash area in the food and beverage industry
- Certified by ECOLAB
- Resistant to all common acid and alkaline cleaning products and disinfectants
- Degree of protection IP67 / IP68 / IP69
- Suitable for drag chains
- Halogen-free (PVC-free)
- Materials used compliant with FDA

Dimensions



Technical data

General specifications

Number of pins	4
----------------	---

Electrical specifications

Operating voltage	U_B	max. 250 V AC/DC
Operating current	I_B	max. 4 A

Ambient conditions

Ambient temperature	cable, flexing: -25 ... 105 °C (-13 ... 221 °F) cable, fixed: -40 ... 105 °C (-40 ... 221 °F)
---------------------	--

Pollution degree	3
------------------	---

Mechanical specifications

Contact elements	spring-loaded contact socket
------------------	------------------------------

Degree of protection	IP67 / IP68 / IP69
----------------------	--------------------

Material

Contacts	CuSn
Contact surface	Ni/Au
Body	PP
Cable	PP-EPDM
Slotted nut	stainless steel V4A
Seal	FKM
Core insulation	PP
Temperature resistance	Cold bending-resistant and cold impact-resistant up to -40 °C (-40 °F)

Cable	extra-fine wire, flexible
-------	---------------------------

Sheath diameter	Ø 4.7 mm
-----------------	----------

Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
----------------	--

Color	grey
-------	------

Number of cores	4
-----------------	---

Core cross-section	0.34 mm ²
--------------------	----------------------

Conductor construction	42 x 0.1 mm Ø
------------------------	---------------

Length	L	5 m
--------	---	-----

Drag chain suitability

Drag chain cycles	≥ 4000000
-------------------	-----------

Motion velocity	≤ 3 m/s
-----------------	---------

Traverse distance	10 m
-------------------	------

Acceleration	≤ 10 m/s ²
--------------	-----------------------

Torsion cycles	≥ 4000000
----------------	-----------

Torsional stress	± 270 °/m
------------------	-----------

Tightening torque, cable gland	0.4 ... 0.6 Nm
--------------------------------	----------------

Mating cycles	≥ 100
---------------	-------

Compliance with standards and directives

Standard conformity	
---------------------	--

Degree of protection	EN 60529
----------------------	----------

Electrical connection



1	-----	BN
2	-----	WH
3	-----	BU
4	-----	BK



Standards	IEC 61076-2-101
Halogen-free	IEC 60754-1
Temperature resistance	DIN EN 60811-1-4
Material	FDA-compliant in accordance with FDA 21 CFR 177.2600

ase date: 2017-08-22 10:32 Date of issue: 2017-11-23 302279_eng.xml