

VS-M12FSBP-PG9-PUR-M12MS/0,5 SH - Bus system flush-type socket



1420468

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Bus system flush-type socket



Commercial data

Item number	1420468
Packing unit	1 pc
Minimum order quantity	50 pc
Product key	ABQYAA
GTIN	4055626233840
Weight per piece (including packing)	65.4 g
Weight per piece (excluding packing)	22.22 g
Country of origin	DE

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Technical data

Product properties

Product type	Data cable preassembled
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Cable/line

PUR halogen-free black [PUR]

Dimensional drawing	
Shielded	yes
UL AWM Style	20549 / 10493 (80°C/300 V)
Cable weight	53 kg/km
Cable type	PUR halogen-free black
Cable type (abbreviation)	PUR
External cable diameter	5.90 mm ±0.2 mm
Outer sheath, material	PUR
External sheath, color	black-gray RAL 7021
Thickness, outer sheath	approx. 0.50 mm
Conductor material	Bare Cu litz wires
Conductor structure signal line	32x 0.10 mm
AWG signal line	24
Conductor cross-section	8x 0.25 mm ² (Signal line)
Material wire insulation	PP
Thickness, insulation	approx. 0.20 mm
Wire diameter incl. insulation	1.17 mm ±0.02 mm
Single wire, color	brown, white, green, yellow, gray, pink, blue, red
Overall twist	8 wires around filler to the core
Shielding	Tinned copper braided shield
Optical shield covering	85 %
Nominal voltage, cable	≤ 300 V AC
Test voltage Core/Shield	≥ 2000.00 V AC (for 60 s)
Test voltage, cable	≥ 3000 V AC (Spark test)
Cable resistance	≤ 78 Ω/km (at 20 °C)
Cable insulation resistance	≥ 1 GΩ*km (at 20 °C)
Minimum bending radius, fixed installation	5 x D

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Minimum bending radius, flexible installation	10 x D
Number of bending cycles	10000000
Minimum bending radius, drag chain applications	10 x D
Traversing path	10 m
Traversing rate	3 m/s
Acceleration	10 m/s ²
Torsion force	± 180 °/m
Torsion cycles	≥ 5000000
Torsional frequency	35 (cycles/min.)
Halogen-free	in accordance with DIN VDE 0472 part 815
	according to IEC 60754-1
Resistance to oil	in accordance with IEC 60811-404
Flame resistance	in acc. with UL FT-2
	according to UL 758/1581 (horizontal)
	in accordance with UL 758/1581 FT2
	According to DIN EN 60332-2-2 (20 s)
Other resistance	hydrolysis and microbe resistant
	Resistant to salt water
	low-abrasion
	partly UV-resistant (in accordance with DIN EN ISO 4892-2-A)
Special properties	Flexible cable conduit capable
Ambient temperature (operation)	-25 °C ... 80 °C (Cable, flexible installation)
	-40 °C ... 80 °C (cable, fixed installation)

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Classifications

UNSPSC

UNSPSC 21.0	26121600
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Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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