



Model Number

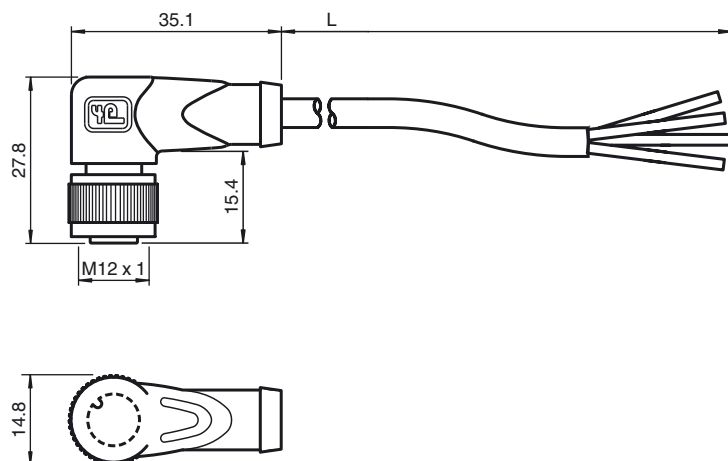
V1-W-BK2M-PUR-O6

Single-ended female cordset, M12, PUR cable, 4-pin, for rolling stock

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Flame resistant cable
- Halogen-free
- Degree of protection IP67
- Resistant to microbes and hydrolysis

Dimensions



Technical data

General specifications

Number of pins	4
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Electrical specifications

Operating voltage	U_B	max. 250 V
Lead resistance		Max. 40.1 Ω /km

Ambient conditions

Ambient temperature	Body -40 ... 90 °C (-40 ... 194 °F) Cable: -50 ... 120 °C (-58 ... 248 °F)
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Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	RADOX EM 104
Slotted nut	Diecast zinc
Core insulation	RADOX TI 301
Cable	extra-fine wire, flexible
Sheath diameter	$\varnothing$ 4.5 mm $\pm$ 0.2 mm
Bending radius	> 4 x cable diameter, moveable > 3 x cable diameter, fixed
Color	black
Number of cores	4
Core cross-section	0.5 mm ²
Conductor construction	19 x 0.18 mm $\varnothing$
Length	L
Flammability	
Contact carrier	94 HB
Housing	94 V-2

Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	NFPA 130
Chemical resistance	EN 50264-1, EN 50306-1

Approvals and certificates

Approvals	Fire protection on railway vehicles, cat. Ia, Ib, II acc. BS 6853, GM/RT 2130, cat. A1, A2, B acc. NF F16-101 hazard level HL1-HL3 EN 45545, LR1-LR4 acc. UNI CEI 11170 level of protection 1-4 acc. DIN 5510
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Electrical connection

