



Model Number

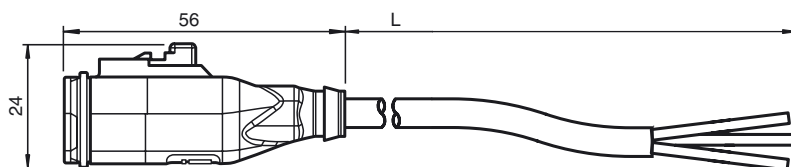
DT3S-G-BK1,5M-PUR-01

Female cordset, Deutsch connector, 3-pin PUR cable, outdoor

Features

- Oil and abrasion resistant PUR line appropriate for drag chains
- Resistant to microbes and hydrolysis
- Resistant to salt water
- Suitable for outdoor use (UV- and ozone resistant)
- Halogen-free

Dimensions



Technical data

General specifications

Number of pins	3
Connection 1	socket
Construction type 1	straight
Threading 1	Deutsch connectors
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 48 V AC / 60 V DC
Operating current	I_B	max. 8 mA Per contact
Lead resistance		Max. 39 Ω /km

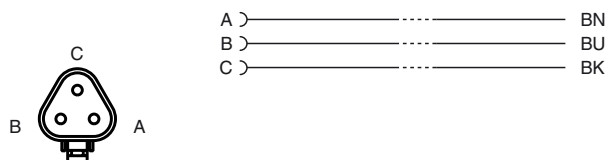
Ambient conditions

Ambient temperature	Body: -40 ... 125 °C (-40 ... 257 °F) cable, fixed: -50 ... 105 °C (-58 ... 221 °F) cable, flexing: -30 ... 105 °C (-22 ... 221 °F)
Pollution degree	3

Mechanical specifications

Contact elements	spring-loaded contact socket
Degree of protection	IP68
Cable code	LI9Y 3x0,50 mm ² 11Y
Material	
Contacts	Cu alloy
Contact surface	Ni
Body	PA, black
Cable	PUR
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	\varnothing 4.5 mm \pm 0.15 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color	black (Similar to RAL 9005)
Number of cores	3
Core cross-section	0.5 mm ²
Conductor construction	28 x 0.15 mm \varnothing 1 x symmetrically twisted
Length	L 1.5 m
Drag chain suitability	
Drag chain cycles	\geq 2000000
Motion velocity	\leq 3 m/s
Traverse distance	\leq 10 m
Acceleration	\leq 10 m/s ²
Flammability	
Contact carrier	V-2
Housing	V-0
Cable	cURus AWM 21924/11558 105°C 300V FT2

Electrical connection





Compliance with standards and directives

Standard conformity

Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	UL 1581; DIN EN 60332-2-2
Halogen-free	DIN VDE 0472-815 DIN EN 50267-2-1
Chemical resistance	DIN EN 60811-2-1:2002 IRM 902

Approvals and certificates

UL approval	cURus AWM 21924/11558 105°C 300V FT2
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Release date: 2018-06-04 09:43 Date of issue: 2018-06-04 305287_eng.xml