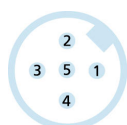
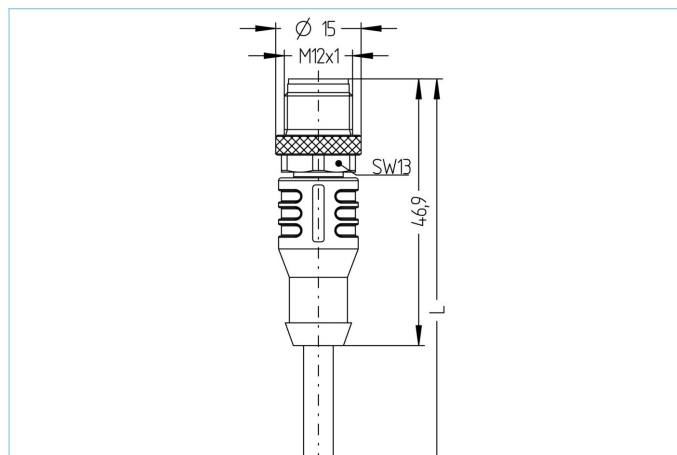


Single-ended cordset, CANopen/DeviceNet, M12



CANopen



Product data

Item description	CD-WAS5.022-5/S2800
Item-No.	8047524
Length	5m
Customs tariff-No.	85444290
Step-File	CD-WAS5-m.stp
EAN	4047106007089

Technical data

Connector	male, straight, M12
Number of pins	5
Pin assignment	1 (GND), 2 RD (+), 3 BK (-), 4 WH (CAN_H), 5 BU (CAN_L)
Coding	A
Rated voltage	60V
Current load (at 40°C)	4A
Insulation resistance	$\geq 10^9 \Omega$
Resistance	$\leq 5 m\Omega$
Ambient temperature product	-30°C...+90°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, TPU, BK
Grip body material	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated
Standards	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Cable end assembly	open cable end
Degree of pollution	3

Cable	PUR, UL, S2800, CANopen/DeviceNet
UL- and CSA-listed shielded PUR-cable for automation technology. As a data transmitter, it supports CANopen as well as DeviceNetbased fieldbuses. High transmission rates enable transport of real-time data. Due to the constructive setup and the materials used, increased mechanical stresses (abrasion, bending, vibrations etc.) do not pose any restrictions to the application.	
Outer diameter of jacket	6,90 mm
Cable-jacket material	PUR
Jacket color	BK, similar RAL9005
Wire cross-section	2 x 0.25 mm ² + 2 x 0.34 mm ²
Wire insulation material	PE/PP
Wire colors	WH, BU, RD, BK
Conductor structure	19 x 0.13mm (0.25mm ²), 19 x 0.15mm (0.34mm ²)
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	10 x Ø-cable
Temperature range (repeated)	-25°C...+80°C
Temperature range (fixed)	-50°C...+80°C
Shielding	Yes, with stranded wire
Halogen-free	Yes
Rated voltage cable	≤300 V
Special features	flame retardant, seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant, hydrolysis proof, halogen free, oil resistant, microbes resistant
Classification	
eCl@ss 6.0	27279218
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855
Accessories	
Mounting-set, M12 https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8047664/Mounting-set-M12-clips-and-screws-M4x8-black	
Torque-wrench set https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8055431/Torque-wrench-set-M8-M12	
Marking rings Ø 9mm https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&o=3&n=15&f=809	
Cable Stripping Tool https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066215/Cable-stripping-tool-4.40-7.00mm-outer-diameter	
Cable Stripping Tool https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066216/Cable-stripping-tool-3.20-4.40mm-outer-diameter	