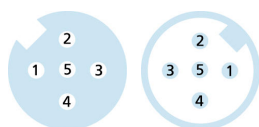
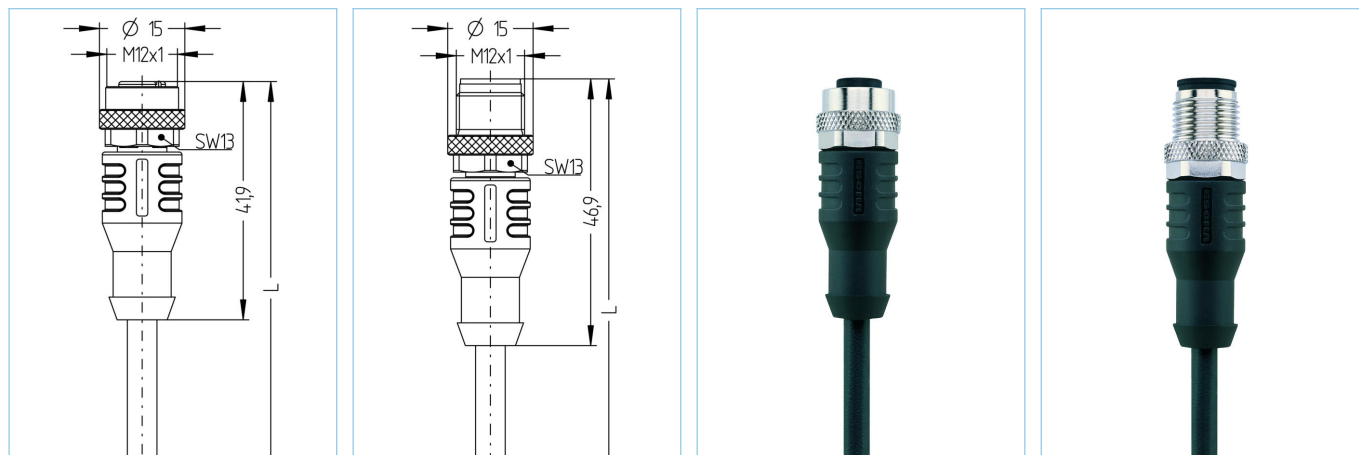


Double-ended cordset, CANopen/DeviceNet, M12



CANopen



Product data

Item description	CD-WAK5.022-1-CD-WAS5.022/S2800
Item-No.	8047491
Length	1m
Customs tariff-No.	85444290
Step-File	CD-WAK5-m-CD-WAS5.stp
EAN	4047106006983
Label-carrier	2 pieces

Technical data	A-side	B-side
Connector	female, straight, M12	male, straight, M12
Number of pins	5	5
Pin assignment	1 (GND), 2 RD (+), 3 BK (-), 4 WH (CAN_H), 5 BU (CAN_L)	1 (GND), 2 RD (+), 3 BK (-), 4 WH (CAN_H), 5 BU (CAN_L)
Coding of	A	A
Rated voltage	60V	60V
Current load (at 40°C)	4A	4A
Insulation resistance	≥10 ⁸ Ω	≥10 ⁸ Ω
Resistance	≤ 5mΩ	≤ 5mΩ
Ambient temperature product	-30°C...+90°C	-30°C...+90°C
Contact material	Metal, CuZn, gold-plated	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, TPU, BK	Plastic, TPU, BK
Grip body material	Plastic, TPU, BK	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated	Metal, CuZn, nickel-plated
Sealing (female) material	FPM/FKM	
Standards	IEC 61076-2-101	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles	>100 mating cycles
Degree of pollution	3	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 mm²+ 2 x 0.34 mm²	
Wire insulation material	PE/PP	
Wire colors	WH, BU, RD, BK	
Conductor structure	19 x 0.13mm (0.25mm²), 19 x 0.15mm (0.34mm²)	
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		