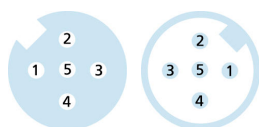
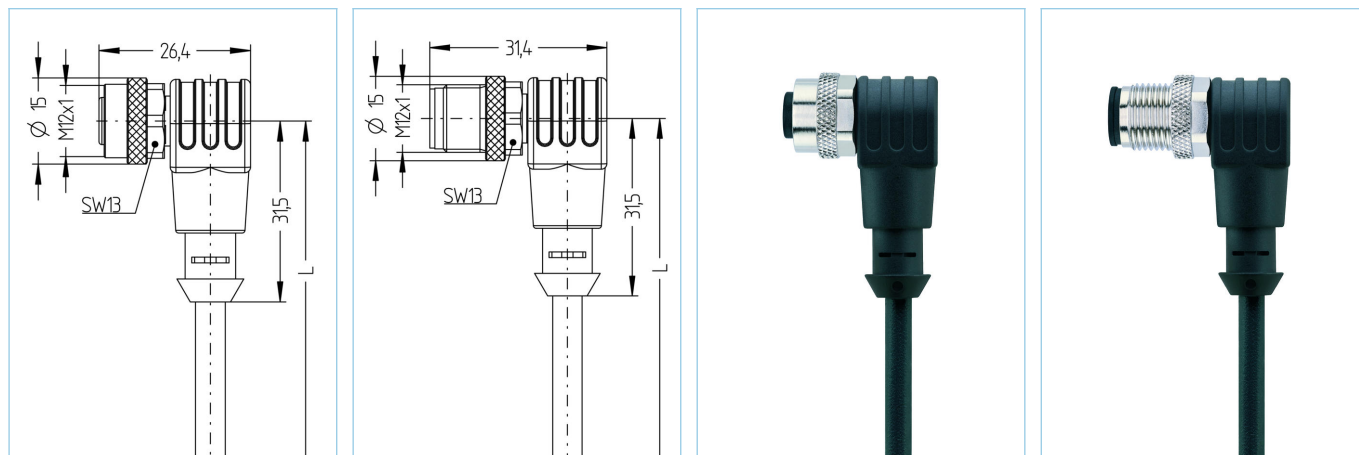


Double-ended cordset, CANopen/DeviceNet, M12



CANopen



Product data

Item description	CD-WWAK5.022-1-CD-WWAS5.022/S2800
Item-No.	8051939
Length	1m
Customs tariff-No.	85444290
Step-File	CD-WWAK5-m-CD-WWAS5.stp
EAN	4047106093013
Label-carrier	2 pieces

Technical data	A-side	B-side
Connector	female, angled, M12	male, angled, 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	$\geq 10^8 \Omega$	$\geq 10^8 \Omega$
Resistance	$\leq 5 m\Omega$	$\leq 5 m\Omega$
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 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		