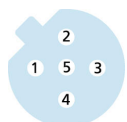
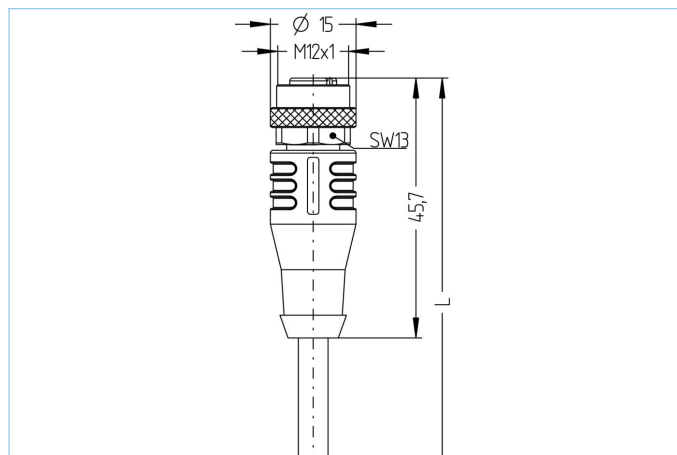


Single-ended cordset, PROFIBUS, M12, shielded



Product data

Item description	PB-WAKSW2.012-5/S1800
Item-No.	8043868
Length	5m
Customs tariff-No.	85444290
Step-File	PB-WAKSW2-m.stp
EAN	4047106003104

Technical data

Connector	female, straight, M12
Number of pins	4
Pin assignment	1 n.c., 2 GN, 3 n.c., 4 RD
Coding	B
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, VT
Grip body material	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated
Sealing (female) material	FPM/FKM
Shielding	with shielding
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, S1800, Profibus
UL- and CSA-listed shielded PUR-cable for automation technology (control of sensors and actuators). Suited for common variants of PROFIBUS DP and PROFIBUS PA. Setup and materials used allow for applications under harsh environment conditions (abrasion, bending, vibrations etc.). Drag-chain application is possible. (>1million bending cycles).		
Outer diameter of jacket		7,60 mm
Cable-jacket material		PUR
Jacket color		VT similar RAL4001
Wire cross-section		1 x 2 x 0.34 mm ²
Wire insulation material		PE
Wire colors		RD, GN
Conductor structure		19 x 0.15 mm
Bending radius (fixed)		5 x Ø-cable
Bending radius (repeated)		15 x Ø-cable
Temperature range (repeated)		-25°C...+80°C
Temperature range (fixed)		-50°C...+80°C
Temperature range (drag chain)		-25°C...+60°C
Drag chain-application		>1Mio. cycles
Shielding		Yes
Halogen-free		Yes
Rated voltage cable		300V
Special features		flame retardant, seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant, hydrolysis proof, drag chain-adapted, halogen free, oil resistant, high flexibility, 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		