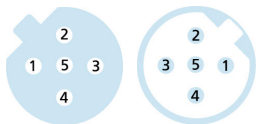
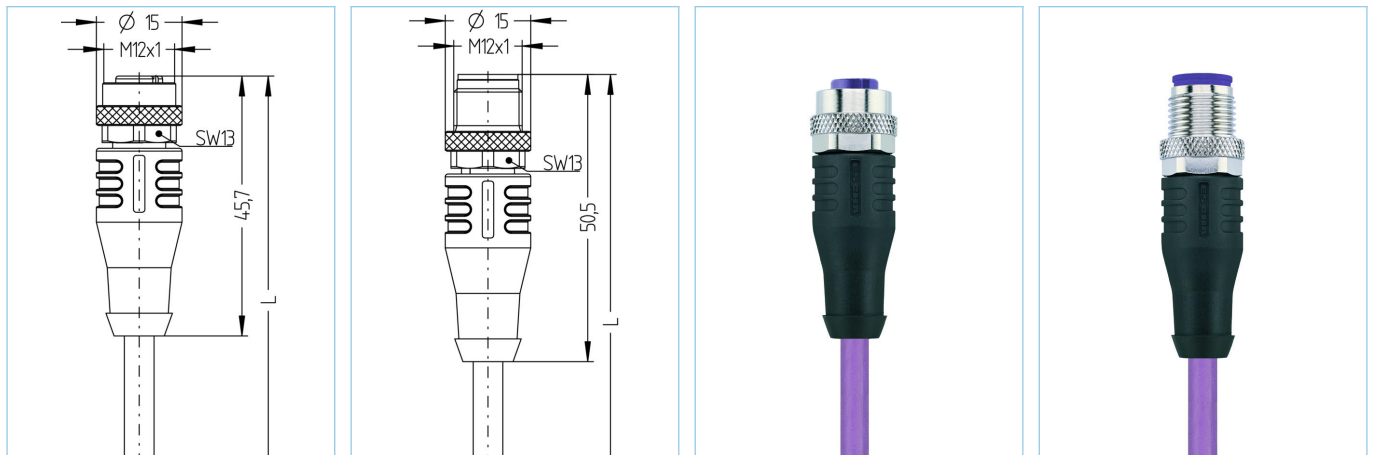


Double-ended cordset, PROFIBUS, M12x1, shielded



Product data

Item description	PB-WAKSW2.012-5-PB-WASSW2.012/S1800
Item-No.	8043879
Length	5m
Customs tariff-No.	85444290
Step-File	PB-WAKSW2-m-PB-WASSW2.stp
EAN	4047106003210
Label-carrier	2 pieces

Technical data	A-side	B-side
Connector	female, straight, M12x1	male, straight, M12x1
Number of pins	4	4
Pin assignment	1 n.c., 2 GN, 3 n.c., 4 RD	1 n.c., 2 GN, 3 n.c., 4 RD
Coding of	B	B
Rated voltage	60V	60V
Current load (at 40°C)	4A	4A
Insulation resistance	$\geq 10^9 \Omega$	$\geq 10^9 \Omega$
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, VT	Plastic, TPU, VT
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	
Shielding	with shielding	with shielding
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, 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 enviroment 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 mm²
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 re-sistant
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, M12x1	https://www.escha.net/en/search?sSearch=8047664
Torque-wrench set	https://www.escha.net/en/search?sSearch=8055431
Marking rings Ø 9mm	https://www.escha.net/en/products/accessoires/markinq-rings/