

Double-ended cordset, Food & Beverage, M12x1



Product data

Item description	FB-WAKH4.5-2-FB-WASH4.5/S3930
Item-No.	8063682
Length	2m
Customs tariff-No.	85444290
Step-File	FB-WAKH4.5-L-FB-WASH4.5.stp
EAN	4047106149932

Technical data

	A-side	B-side
Connector	female, straight, M12x1	male, straight, M12x1
Number of pins	5	5
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK, 5 GY	1 BN, 2 WH, 3 BU, 4 BK, 5 GY
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	-40°C...+105°C	-40°C...+105°C
Contact material	Metal, CuZn, gold-plated	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PP, GY	Plastic, PP, GY
Grip body material	Plastic, PP, GY	Plastic, PP, GY
Coupling nut material	Stainless steel, V4A	Stainless steel, V4A
Sealing (female) material	EPDM	
Standards	IEC 61076-2-101	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68, IP69	IP65, IP67, IP68, IP69
Mechanical life-cycle	>100 mating cycles	>100 mating cycles
Degree of pollution	3	3

Cable		TPE, S3930, GY
TPE jacketed cable with elevated position-proof wires with an insulation of special polyester. Resistant to all common acidic- and alkaline cleaning- and disinfection agents. PVC-free plastics prevent discoloration and hardening by detergents. Predestined for applications in the food- and beverage industry. Due to the materials used, it is also suitable for applications in machine- and plant construction. High stability, good drag-chain- and torsion capability.		
Outer diameter of jacket		5,0 +/- 0,15 mm
Cable-jacket material		TPE
Jacket color		GY, similar RAL7035
Wire cross-section		5 x 0.34 mm ²
Wire insulation material		TPE
Wire colors		BN, WH, BU, BK, GY
Conductor structure		42 x 0.10 mm
Bending radius (fixed)		5 x Ø-cable
Bending radius (repeated)		10 x Ø-cable
Temperature range (repeated)		-25°C...+105°C
Temperature range (fixed)		-40°C...+105°C
Temperature range (drag chain)		-25°C...+60°C
Halogen-free		Yes
Rated voltage cable		≤240 V _{AC}
Special features		seawater resistant, recyclable, LABS free, RoHs compliant, ozone resistant, hydrolysis proof, drag chain-adapted, torsion resistant, halogen free, excellent acid- and alkali resistant, verified resistance against P3-topactive, flexibility at low temperature, increased thermal load
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		Web-Link
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/markring-rings/
Food & Beverage, Adapter		https://www.escha.net/en/search?sSearch=8063392