

Single-ended cordset, Food & Beverage, M12x1



Product data

Item description	FB-WAKH4.5-5/S3930
Item-No.	8063883
Length	5m
Customs tariff-No.	85444290
Step-File	FB-WAKH4_5.stp
EAN	4047106151867

Technical data

Connector	female, straight, M12x1
Number of pins	5
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK, 5 GY
Coding	A
Rated voltage	60V
Current load (at 40°C)	4A
Insulation resistance	$\geq 10^9 \Omega$
Resistance	$\leq 5 m\Omega$
Ambient temperature product	-40°C...+105°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PP, GY
Grip body material	Plastic, PP, GY
Coupling nut material	Stainless steel, V4A
Sealing (female) material	EPDM
Standards	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68, IP69
Mechanical life-cycle	>100 mating cycles
Cable end assembly	open cable end
Degree of pollution	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/
Cable Stripping Tool		https://www.escha.net/en/search?sSearch=8066215
Cable Stripping Tool		https://www.escha.net/en/search?sSearch=8066216
Food & Beverage, Adapter		https://www.escha.net/en/search?sSearch=8063392