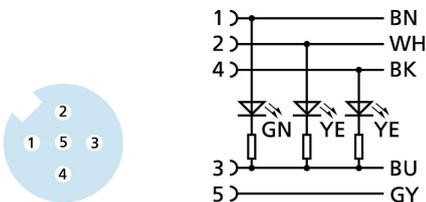
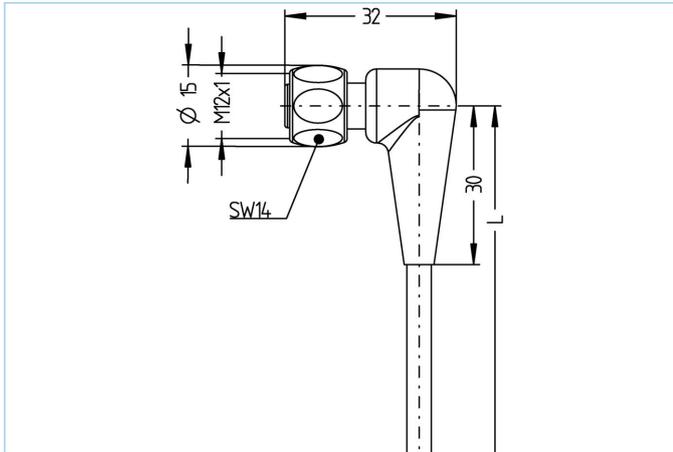


Single-ended cordset, Food & Beverage, M12x1



Product data

Item description	FB-WWAKH4.5P3-2/S3930
Item-No.	8063802
Length	2m
Customs tariff-No.	85444290
Step-File	FB-WWAKH4.5P3 .stp
EAN	4047106151133

Technical data

Connector	female, angled, M12x1, with LED
Number of pins	5
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK, 5 GY
Coding	A
Rated voltage	30V
Current load (at 40°C)	3A
Insulation resistance	≥10 ⁹ Ω
Resistance	≤ 5mΩ
Ambient temperature product	-40°C...+105°C
Circuit logic	pnp
Signal status-indicator	LED YE/YE
Operating voltage-indicator	LED GN
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PP, GY
Grip body material	Plastic, PP, transparent
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
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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