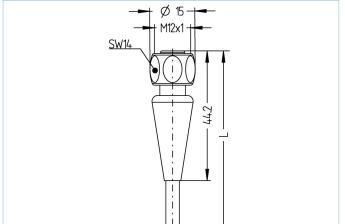


M12, female, straight, 3 poles, Food & Beverage







Product data



Item description	FB-WAKH3-5/S3930
Item-No.	8058555
Length	5m
Customs tariff-No.	85444290
Step-File	FB-WAKH3.stp
EAN	4047106141745
Technical data	
Connector	female, straight, M12
Number of pins	3
Pin assignment	1 BN, 3 BU, 4 BK
Coding	Α
Rated voltage	250V 30V (UL)
Current load per pin (at 40°C)	4A
Insulation resistance	≥10 ⁸ Ω
Resistance	≤ 5mΩ
Ambient temperature product	-40°C+105°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PP, GY
Grip body material	Plastic, TPE, 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
Style	straight



Cable web	TPE, UL, \$3930, GY
Cable Web	1FE, UL, 3393U, U1

TPE jacketed cable with elevated position-proof wires with an insulation of special polyester. Resistant to all common acidic- and alkaline cleaningand 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.

hydrolysis proof, LABS free, ozone resistant, recyclable, RoHs com drag chain-adapted, seawater resistant, torsion resistant, verified		
Jacket color GY, similar RAL7035 Wire cross-section 4 x 0.34 mm² Wire insulation material TPE Wire colors BN, WH, BU, BK Wire structure 42 x 0.10 mm Bending radius (fixed) 5 x Ø-cable Bending radius (repeated) 10 x Ø-cable Temperature range (repeated) 10 x Ø-cable Temperature range (fixed) -25°C+105°C Temperature range (drag chain) -25°C+60°C Halogen-free Yes Rated voltage cable Special features increased thermal load, halogen free, excellent acid- and alkali reshydrolysis proof, LABS free, ozone resistant, recyclable, RoHs com drag chain-adapted, seawater resistant, torsion resistant, verified of the control of the company of	Outer diameter of jacket	4.60 mm
Wire cross-section 4 x 0.34 mm² Wire insulation material TPE Wire colors BN, WH, BU, BK Wire 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 VAC Special features increased thermal load, halogen free, excellent acid- and alkali resulting hydrolysis proof, LABS free, ozone resistant, recyclable, RoHs come drag chain-adapted, seawater resistant, torsion resistant, verified of the properties of	Cable-jacket material	TPE
Wire insulation material TPE Wire colors BN, WH, BU, BK Wire 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 VAC Special features increased thermal load, halogen free, excellent acid- and alkali reshydrolysis proof, LABS free, ozone resistant, recyclable, ROHs comdrag chain-adapted, seawater resistant, torsion resistant, verified of drag chain-adapted, seawater resistant, torsion resistant, verified of the color of the	Jacket color	GY, similar RAL7035
Wire colors BN, WH, BU, BK Wire structure 42 x 0.10 mm Bending radius (fixed) 5 x Ø-cable Bending radius (repeated) 10 x Ø-cable Temperature range (repeated) 7-25°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 VAC Special features increased thermal load, halogen free, excellent acid- and alkali reshydrolysis proof, LABS free, ozone resistant, recyclable, RoHs comdrag chain-adapted, seawater resistant, torsion resistant, verified of the seawater resistant ve	Wire cross-section	4 x 0.34 mm ²
Wire 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 VAC Special features increased thermal load, halogen free, excellent acid- and alkali reshydrolysis proof, LABS free, ozone resistant, recyclable, RoHs comdrag chain-adapted, seawater resistant, torsion resistant, verified of the search of the seawater resistant, torsion resistant, verified of the seawater resistant, torsion resistant, verified the seawater resistant.	Wire insulation material	TPE
Bending radius (fixed) Bending radius (repeated) Temperature range (repeated) Temperature range (fixed) Temperature range (fixed) Temperature range (fixed) Temperature range (drag chain) -25°C+105°C Temperature range (drag chain) -25°C+60°C Halogen-free Yes Rated voltage cable ≤240 VAC Special features increased thermal load, halogen free, excellent acid- and alkali reshydrolysis proof, LABS free, ozone resistant, recyclable, RoHs come drag chain-adapted, seawater resistant, torsion resistant, verified of the properties of t	Wire colors	BN, WH, BU, BK
Bending radius (repeated) Temperature range (repeated) Temperature range (fixed) -40°C+105°C Temperature range (drag chain) -25°C+60°C Halogen-free Yes Rated voltage cable ≤240 VAC Special features increased thermal load, halogen free, excellent acid- and alkali reshydrolysis proof, LABS free, ozone resistant, recyclable, RoHs comdrag chain-adapted, seawater resistant, torsion resistant, verified of the properties of the proof of the proo	Wire structure	42 x 0.10 mm
Temperature range (repeated) -25°C+105°C Temperature range (fixed) -40°C+105°C -25°C+60°C Halogen-free Yes Rated voltage cable Special features increased thermal load, halogen free, excellent acid- and alkali reshydrolysis proof, LABS free, ozone resistant, recyclable, RoHs comdrag chain-adapted, seawater resistant, torsion resistant, verified of the seawater resistant, torsion resistant, t	Bending radius (fixed)	5 x Ø-cable
Temperature range (fixed) -40°C+105°C Temperature range (drag chain) -25°C+60°C Halogen-free Yes Rated voltage cable ≤240 VAC Special features increased thermal load, halogen free, excellent acid- and alkali reshydrolysis proof, LABS free, ozone resistant, recyclable, RoHs com drag chain-adapted, seawater resistant, torsion resistant, verified of the company of t	Bending radius (repeated)	10 x Ø-cable
Temperature range (drag chain) -25°C+60°C Halogen-free Yes Rated voltage cable ≤240 VAC Special features increased thermal load, halogen free, excellent acid- and alkali reshydrolysis proof, LABS free, ozone resistant, recyclable, RoHs comdrag chain-adapted, seawater resistant, torsion resistant, verified of the proof	Temperature range (repeated)	-25°C+105°C
Halogen-free Rated voltage cable Special features increased thermal load, halogen free, excellent acid- and alkali reshydrolysis proof, LABS free, ozone resistant, recyclable, RoHs com drag chain-adapted, seawater resistant, torsion resistant, verified to drag chain-adapted, seawater resistant, torsion resistant, torsion resistant, verified to drag chain-adapted, seawater resistant, torsion resistant resistant resistant resist	Temperature range (fixed)	-40°C+105°C
Rated voltage cable ≤240 VAC Special features increased thermal load, halogen free, excellent acid- and alkali reshydrolysis proof, LABS free, ozone resistant, recyclable, RoHs com drag chain-adapted, seawater resistant, torsion resistant, verified	Temperature range (drag chain)	-25°C+60°C
Special features increased thermal load, halogen free, excellent acid- and alkali res hydrolysis proof, LABS free, ozone resistant, recyclable, RoHs com drag chain-adapted, seawater resistant, torsion resistant, verified	Halogen-free	Yes
hydrolysis proof, LABS free, ozone resistant, recyclable, RoHs com drag chain-adapted, seawater resistant, torsion resistant, verified	Rated voltage cable	≤240 VAC
ce against P3-topactive, flexibility at low temperature	Special features	increased thermal load, halogen free, excellent acid- and alkali resistant, hydrolysis proof, LABS free, ozone resistant, recyclable, RoHs compliant, drag chain-adapted, seawater resistant, torsion resistant, verified resistance against P3-topactive, flexibility at low temperature

	ce against P3-topactive, flexibility at low temperature
Classification	
eCl@ss 6.0	27279218
eCl@ss 7.0	27279218

eciess 7.0	2/2/9218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855

Accessories

 $Mounting-set, M12 \\ https://www.escha.net/en/products/standard/accessories-for-connectivity/8047664$

Torque-wrench set https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431

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

oducts/standard/accessories-for-connectivity/8066215 Cable Stripping Tool

n/products/standard/accessories-for-connectivity/8066216

Food & Beverage, Adapter oducts/standard/accessories-for-connectivity/8063392

Link to product

https://www.escha.net/en/products/standard/connectors-for-the-food-industry/8058555