M12, female, angled, 3 poles, with LED, Food & Beverage


```
1 >──────── BN
4 >──────── BK
        GN  YE
3 >──────── BU
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FDA COMPLIANT   ECOLAB®   50   CE   ⬥   UK CA   c (UL) US LISTED
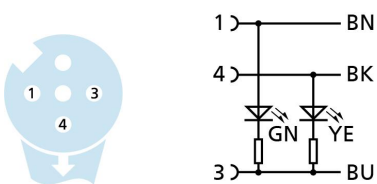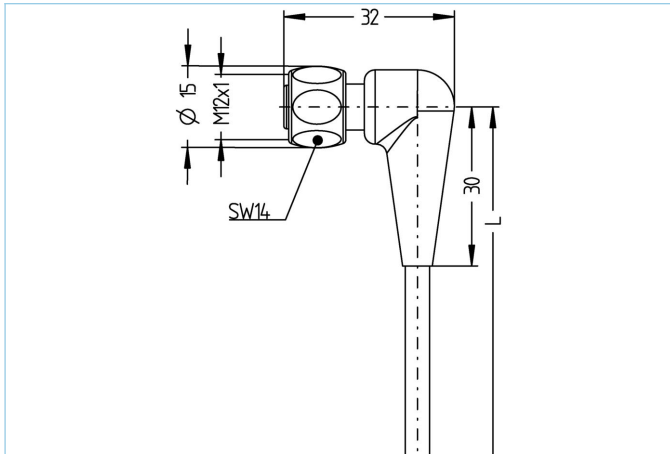
Product data

Item description	FB-WWAKH3P2-5/S3930
Item-No.	8058612
Length	5m
Customs tariff-No.	85444290
Step-File	FB-WWAKH3P2.stp
EAN	4047106142605

Technical data

Connector	female, angled, M12, with LED
Number of pins	3
Pin assignment	1 BN, 3 BU, 4 BK
Coding	A
Rated voltage	30V | 30V (UL)
Current load per pin (at 40°C)	3A
Insulation resistance	$\geq 10^8 \Omega$
Resistance	$\leq 5m\Omega$
Ambient temperature product	-40°C...+105°C
Circuit logic	pnp
Signal status-indicator	LED YE
Operating voltage-indicator	LED GN
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PP, GY
Grip body material	Plastic, TPE, 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
Style	angled

Cable web	TPE, UL, 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	4.60 mm
Cable-jacket material	TPE
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)	-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 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

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, 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
https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215

Cable Stripping Tool
https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216

Food & Beverage, Adapter
https://www.escha.net/en/products/standard/accessories-for-connectivity/8063392

Link to product

https://www.escha.net/en/products/standard/connectors-for-the-food-industry/8058612