

M12, female, angled, 5 poles, Food & Beverage



Product data	
Item description	FB-WWAKH4.5-2/P01
Item-No.	8063687
Length	2m
Customs tariff-No.	85444290
Step-File	FB-WWAKH4_5.stp
EAN	4047106149987
Technical data	
Connector	female, angled, M12
Number of pins	5
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK, 5 GY
Coding	A
Rated voltage	60V 30V (UL)
Current load per pin (at 40°C)	4A
Insulation resistance	≥10 ⁹ 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	angled

Cable web	PVC, UL, P01, GY
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PVC-cable for measurement and control-, and sensor technology. Suitable for applications in dry areas on packaging machines, assembly- and conveyor technology. High flexibility with unstressed movement (conditional drag-chain application possible). Predestined for applications in food- and beverage industry.

Outer diameter of jacket	5.30 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7040
Wire cross-section	5 x 0.34 mm ²
Wire insulation material	PVC
Wire colors	BN, WH, BU, BK, GY
Wire structure	19 x 0.15 mm
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	10 x Ø-cable
Temperature range (repeated)	0°C...+80°C
Temperature range (fixed)	-25°C...+80°C
Rated voltage cable	≤300 V
Special features	good resistance against oils and chemicals, LABS free, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, seawater resistant, UV resistant

Classification	
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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/8063687>