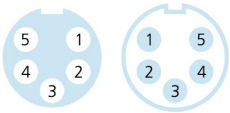
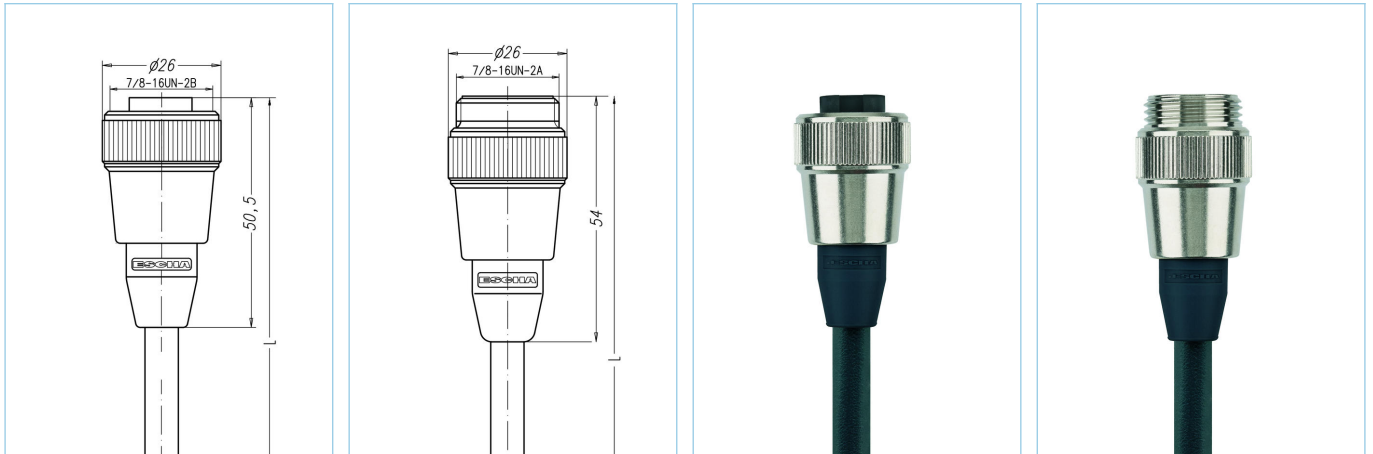


7/8", female, straight, 5 poles, 7/8", male, straight, 5 poles



**Product data**

Item description	WAKM50-7-WASM50/S370/S3917
Item-No.	8057411
Length	7m
Customs tariff-No.	85444290
EAN	4047106224035

**Technical data**

	A-side	B-side
Connector	female, straight, 7/8"	male, straight, 7/8"
Number of pins	5	5
Pin assignment	1 BK, 2 BU, 3 GNYE, 4 BN, 5 WH	1 BK, 2 BU, 3 GNYE, 4 BN, 5 WH
Coding of	A	A
Rated voltage	250V	250V
Current load (at 40°C)	10A	10A
Insulation resistance	$\geq 10^9 \Omega$	$\geq 10^9 \Omega$
Resistance	$\leq 5 m\Omega$	$\leq 5 m\Omega$
Ambient temperature product	-30°C...+90°C	-30°C...+90°C
Contact material	Metal, CuSn, gold-plated	Metal, CuSn, gold-plated
Contact-carrier material	Plastic, TPU, BK	Plastic, TPU, BK
Grip body material	Plastic, TPU, transparent	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated	Metal, CuZn, nickel-plated
Degree of protection (mounted)	IP65, IP67, IP68	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles	>100 mating cycles
Degree of pollution	3	3

<b>Cable web</b>	<b>PUR, UL, S370</b>
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Flexible, silicone- and halogen-free control line with high mechanical strength. The cable is chemicals, hydrolysis-, and microbes- resistant. The drag-chain application is possible at a bending radius of minimum 10 x d. Due to its weld-field immunity, the cable is very well suited for the flexible application in robotics, machine-tool, and metal-cutting production. The cables meet the UL and CSA (UL10493/20549; cULus) requirements.

Outer diameter of jacket	8.5 mm
Cable-jacket material	PUR
Jacket color	BK, similar RAL9005
Wire cross-section	5 x 1.5 mm <sup>2</sup>
Wire insulation material	PP
Wire colors	BN, WH, BU, BK, GNYE
Wire structure	84 x 0,15 mm
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	10 x Ø-cable
Temperature range (repeated)	-30°C...+90°C
Temperature range (fixed)	-40°C...+90°C
Temperature range (drag chain)	-25°C...+60°C
Drag chain-application	≥1 Mio. cycles
Halogen-free	Yes
Torsion	+/-180°/m, ≥ 0.1 Mio. cycles
Rated voltage cable	≤300 V
Special features	flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, drag chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant

<b>Classification</b>	
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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