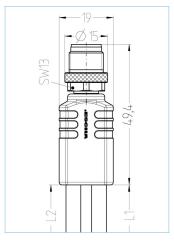
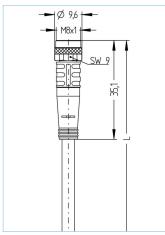


Y-splitter, M12, male, straight, 4 poles, with cable outlet, M8, female, straight, 4 poles, M8, female, straight, 4





















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Product data	
Item description	YK-FS4M12-2AL-SKP4-1/1/S370
Item-No.	8075918
Length	1m
Customs tariff-No.	85444290
Step-File	YK-FS4M12-2AL-SKP4-L_L.stp
EAN	4047106173319

Technical data	Exit 0	Exit 1	Exit 2
Connector	male, M12, straight	female, M8, straight	female, M8, straight
Contact material	Metal, CuZn, gold-plated	Metal, CuSn, gold-plated	Metal, CuSn, gold-plated
Contact-carrier material	Plastic, TPU, BK	Plastic, TPU, BK	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated	Metal, CuZn, nickel-plated	Metal, CuZn, nickel-plated
Rated voltage	60V	60V	60V
Coding of	А	А	А
Number of pins	4	4	4
Current load (at 40°C)	4A	4A	4A

Insulation resistance	≥10°Ω
Ambient temperature product	-30°C+90°C
Grip body material	Plastic, TPU, BK
Sealing (female) material	FPM/FKM
Mechanical life-cycle	>100 mating cycles
Standards	IEC 61076-2-101/-104
Degree of protection (mounted)	IP65, IP67, IP68
Degree of pollution	3



Cable web PUR, UL, S370

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 4.30mm Cable-jacket material PUR Jacket color BK, similar RAL9005 Wire cross-section 4 x 0.25 mm² Wire insulation material PP Wire colors BN, WH, BU, BK Wire structure 32 x 0.10 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 5 Mio. cycles Halogen-free Yes Tosion +/-360°/m, ≥ 2 Mio. cycles Rated voltage cable 3300 V Special features flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, drachain-adapted, welding sparks resistant, seawater resistant, slicone free, torsion resistant Classification 27279218 eCl@ss 8.0 27279218 eCl@ss 9.0 27060313 ETIM 5.0 EC001855		
Jacket color BK, similar RAL9005 Wire cross-section 4 x 0.25 mm² Wire insulation material PP Wire colors BN, WH, BU, BK Wire structure 32 x 0.10 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 5 Mio. cycles Halogen-free Yes Tosion +/-360°/m, ≥ 2 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, dra chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant Classification 27279218 eCl@ss 8.0 27279218 eCl@ss 8.0 27279218 eCl@ss 9.0 27060313 ETIM 5.0 EC001855	Outer diameter of jacket	4.30mm
Wire cross-section 4 x 0.25 mm² Wire insulation material PP Wire colors BN, WH, BU, BK Wire structure 32 x 0.10 mm Bending radius (fixed) 5 x Ø-cable Bending radius (repeated) 10 x Ø-cable Temperature range (repeated) -30°C+90°C Temperature range (drag chain) -40°C+90°C Temperature range (drag chain) -25°C+60°C Drag chain-application 5 Mio. cycles Halogen-free Yes Tosion +/-360°/m, ≥ 2 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, dra chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant Classification 27279218 eCl@ss 8.0 27279218 eCl@ss 8.0 27279218 eCl@ss 9.0 27060313 ETIM 5.0 EC001855	Cable-jacket material	PUR
Wire insulation material PP Wire colors BN, WH, BU, BK Wire structure 32 x 0.10 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 5 Mio. cycles Halogen-free Yes Tosion +/-360°/m, ≥ 2 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, dra chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant Classification eCl@ss 6.0 27279218 eCl@ss 7.0 27279218 eCl@ss 8.0 27279218 eCl@ss 9.0 27060313 ETIM 5.0 EC001855	Jacket color	BK, similar RAL9005
Wire colors BN, WH, BU, BK Wire structure 32 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 (repeated) 10 x Ø-cable Temperature range (fixed) 40°C+90°C Temperature range (fixed) 25°C+60°C Drag chain-application 5 Mio. cycles Halogen-free Yes Torsion 4/-360°/m, ≥ 2 Mio. cycles Rated voltage cable Special features Flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, drackain-adapted, welding sparks resistant, seawater resistant, drackain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant Classification Classification Classification 27279218 cl@ss 8.0 27279218 cl@ss 9.0 EC001855	Wire cross-section	4 x 0.25 mm ²
Wire structure 32 x 0.10 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 (fixed) -5 Mio. cycles Temperature range (drag chain) -25°C+60°C Drag chain-application 5 Mio. cycles Halogen-free Yes Tosion +/-360°/m, ≥ 2 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, drac chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant Classification €Clæss 6.0 27279218 €Clæss 7.0 27279218 €Clæss 9.0 27060313 ETIM 5.0 €C001855	Wire insulation material	PP
Bending radius (fixed) Bending radius (repeated) 10 x Ø-cable Temperature range (repeated) 70°C+90°C Temperature range (fixed) -40°C+90°C Temperature range (drag chain) -25°C+60°C Drag chain-application 5 Mio. cycles Halogen-free Yes Torsion +/-360°/m, ≥ 2 Mio. cycles Rated voltage cable Special features flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, drac chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant Classification Classification Classification Classification Classification Classification Classification 27279218 CCl@ss 8.0 27279218 CCl@ss 9.0 ECl@ss 9.0 ECO1855	Wire colors	BN, WH, BU, BK
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 5 Mio. cycles Halogen-free Yes Torsion +/-360°/m, ≥ 2 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, drachain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant Classification eCl@ss 6.0 27279218 eCl@ss 7.0 27279218 eCl@ss 8.0 27279218 eCl@ss 9.0 27060313 ETIM 5.0 EC001855	Wire structure	32 x 0.10 mm
Temperature range (repeated) Temperature range (fixed) Temperature range (drag chain) Toga chain-application Toga chain-application Temperature range (drag chain) Temperature range (d	Bending radius (fixed)	5 x Ø-cable
Temperature range (fixed) Temperature range (drag chain) Pag chain-application Forsion Rated voltage cable Special features Foliable (assification) Classification ECI@SS 7.0 eCI@SS 7.0 eCI@SS 9.0 ETIMS 5.0 Foliable (arg chain) 25°C+60°C 5 Mio. cycles 5 Mio. cycles 7 Ses 1 Mio. cycles 4 Mio. cycles 2 Mio. cycles	Bending radius (repeated)	10 x Ø-cable
Temperature range (drag chain) -25°C+60°C Drag chain-application 5 Mio. cycles Halogen-free Yes Torsion +/-360°/m, ≥ 2 Mio. cycles Rated voltage cable 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 Classification €Cl@ss 6.0 27279218 €Cl@ss 7.0 27279218 €Cl@ss 9.0 27060313 ETIM 5.0 ECO01855	Temperature range (repeated)	-30°C+90°C
Drag chain-application 5 Mio. cycles Halogen-free Yes Torsion +/-360°/m, ≥ 2 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, dra chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant Classification eCl@ss 6.0 27279218 eCl@ss 7.0 27279218 eCl@ss 8.0 27279218 eCl@ss 9.0 27060313 ETIM 5.0 EC001855	Temperature range (fixed)	-40°C+90°C
Halogen-free Yes Torsion +/-360°/m, ≥ 2 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, dracchain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant Classification eCl@ss 6.0 27279218 eCl@ss 7.0 27279218 eCl@ss 8.0 27279218 eCl@ss 9.0 27260313 ETIM 5.0 EC001855	Temperature range (drag chain)	-25°C+60°C
Tosion +/-360°/m, ≥ 2 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, drachain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant Classification eCl@ss 6.0 27279218 eCl@ss 7.0 27279218 eCl@ss 8.0 27279218 eCl@ss 9.0 27060313 ETIM 5.0 EC001855	Drag chain-application	5 Mio. cycles
Rated voltage cable Special features flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, dra chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant Classification eCl@ss 6.0 27279218 eCl@ss 7.0 27279218 eCl@ss 8.0 27279218 eCl@ss 9.0 27060313 ETIM 5.0 EC001855	Halogen-free	Yes
Flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, dra chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant Classification eCl@ss 6.0 27279218 eCl@ss 7.0 27279218 eCl@ss 8.0 27279218 eCl@ss 9.0 27279218 ETIM 5.0 EC001855	Torsion	+/-360°/m, ≥ 2 Mio. cycles
ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, drachain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant Classification eCl@ss 6.0 27279218 eCl@ss 7.0 27279218 eCl@ss 8.0 27279218 eCl@ss 9.0 27060313 ETIM 5.0 EC001855	Rated voltage cable	≤300 V
eCl@ss 6.027279218eCl@ss 7.027279218eCl@ss 8.027279218eCl@ss 9.027060313ETIM 5.0EC001855	Special features	ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, drachain-adapted, welding sparks resistant, seawater resistant, silicone free,
eCl@ss 7.0 27279218 eCl@ss 8.0 27279218 eCl@ss 9.0 27060313 ETIM 5.0 EC001855	Classification	
eCl@ss 8.0 27279218 eCl@ss 9.0 27060313 ETIM 5.0 EC001855	eCl@ss 6.0	27279218
eCl@ss 9.0 27060313 ETIM 5.0 EC001855	eCl@ss 7.0	27279218
ETIM 5.0 EC001855	eCl@ss 8.0	27279218
	eCl@ss 9.0	27060313
ETIM 6.0 EC001855	ETIM 5.0	EC001855
	ETIM 6.0	EC001855

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Link to product