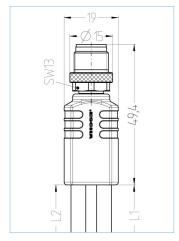
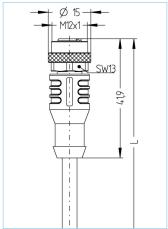


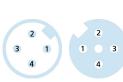
## Y-splitter, M12, male, straight, 4 poles, with cable outlet, M12, female, straight, 4 poles, M12, female, straight, 4 poles















Product data	
Item description	YK-FS4M12-2AL-WAK4-m/m/S370
Item-No.	V0007064
Länge	on demand
Customs tariff-No.	85444290
Step-File	YK-FS4M12-2AL-WAK4-L L.stp

Technical data	Exit 0	Exit 1	Exit 2
Connector	male, M12, straight	female, M12, straight	female, M12, 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	250V	250V
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
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.

Cable-jacket material         PUR           Jacket color         BK, similar RAL9005           Wire cross-section         4 x 0.34 mm²           Wire insulation material         PP           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)         -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         s300 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, slicone free, torsion resistant, UV resistant           Classification         27279218           eCl@ss 6.0         27279218           eCl@ss 8.0         27279218           eCl@ss 9.0         27060313           ETIM 5.0         EC001855		
Backet color       BK, similar RAL9005         Wire cross-section       4 x 0.34 mm²         Wire insulation material       PP         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)       -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, dra chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant         Classification       27279218         eCl@ss 7.0       27279218         eCl@ss 8.0       27279218         eCl@ss 9.0       27060313         ETIM 5.0       EC001855	Outer diameter of jacket	4.70 mm
Wire cross-section       4 x 0.34 mm²         Wire insulation material       PP         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)       -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         Toision       +/-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, sliicone 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	Cable-jacket material	PUR
Wire insulation material         PP           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)         -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, cycone resistant, recyclable, RoHs compliant, acid- and alkali resistant, 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  42 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  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, dra chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant  Classification  Classification  Classification  Classification  ECI®SS 7.0  27279218  ECI®SS 8.0  27279218  ECI®SS 9.0  ECO01855	Wire cross-section	4 x 0.34 mm <sup>2</sup>
Wire structure  Bending radius (fixed)  Bending radius (repeated)  Temperature range (repeated)  Temperature range (fixed)  Temperature range (drag chain)  Temp	Wire insulation material	PP
Bending radius (fixed)  Bending radius (repeated)  Temperature range (repeated)  Temperature range (fixed)  Temperature range (drag chain)  Temperature range (fixed)  Tempera	Wire colors	BN, WH, BU, BK
Bending radius (repeated)  Temperature range (repeated)  Temperature range (repeated)  Temperature range (fixed)  Temperature range (fixed)  Temperature range (drag chain)  Drag chain-application  Falso Mio. cycles  Halogen-free  Yes  Torsion  Halogen-free  Yes  Torsion  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  ECI@ss 6.0  ECI@ss 7.0  ECI@ss 8.0  27279218  ECI@ss 9.0  ECI@ss 9.0  ECO01855	Wire structure	42 x 0.10 mm
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 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 9.0 27060313 ETIM 5.0 EC001855	Bending radius (fixed)	5 x Ø-cable
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  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  eCl@ss 8.0  27279218  eCl@ss 9.0  27060313  ETIM 5.0  EC001855	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, 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 9.0  27060313  ETIM 5.0  EC001855	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, 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 (drag chain)	-25°C+60°C
Toision +/-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	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
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	Torsion	+/-360°/m, ≥ 2 Mio. cycles
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	Rated voltage cable	≤300 V
eCl@ss 6.0 27279218 eCl@ss 7.0 27279218 eCl@ss 8.0 27279218 eCl@ss 9.0 27060313 ETIM 5.0 EC001855	Special features	ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, dra chain-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