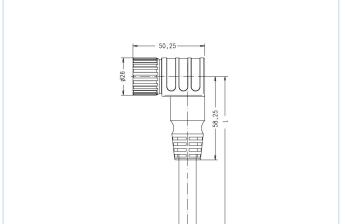


M23, female, angled, 19 poles









Item description WMKCU19.003-10/S370 Item-No. 8017112 Length 10m Customs tariff-No. 85444290 Step-File WMKCU19.stp EAN 404710606024 Technical data Connector female, angled, M23 Number of pins 19 Pin assignment 1, VT, 2, RD, 3 GY, 4 RDBU, 5 GN, 6 BU, 7 GYPK, 8 WHGN, 9 WHYE, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 10 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 10 GNYE, 13 YEBN, 14 BNGN, 15	Product data	
Length 10m Customs tariff-No. 85444290 Step-File WMKCU19.stp EAN 4047106066024 Technical data Connector female, angled, M23 Number of pins 19 Pin assignment 1 VT, 2 RD, 3 GY, 4 RDBU, 5 GN, 6 BU, 7 GYPK, 8 WHGN, 9 WHYE, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 18 GYBN, 19 NL GYBN, 18 WGNN, 15 WH, 16 YE, 17 PK, 18 GYBN, 19 NL GYBN, 18 WGNN, 15 WH, 16 YE, 17 PK, 18 CYBN, 19 WGNN, 15 WH, 16 YE, 17 PK, 10 WGNN, 15 WGNN, 15 WH, 16 YE, 17 PK, 10 WGNN, 19 WGNN, 19 WGNN, 15	Item description	WMKCU19.003-10/S370
Customs tariff-No. 85444290 Step-File WMKCU19.stp EAN 4047106066024 Technical data Connector female, angled, M23 Number of pins 19 Pin assignment 1 VT, 2 RD, 3 GY, 4 RDBU, 5 GN, 6 BU, 7 GYPK, 8 WHGN, 9 WHYE, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 18 GYBN, 19 BN Rated voltage 125V Current load power 10A contacts 6,12,19 Current load signal 4A, all other contacts Insulation resistance ≥10°Ω Ambient temperature product −30°C Contact material Metal, CuZn, gold-plated Contact-carrier material Plastic, PBT, WH Grip body material Plastic, TPU, BU Coupling nut material Metal, CuZn, nickel-plated Sealing (female) material Metal, CuZn, nickel-plated Sealing (female) material Plastic, NBR Degree of protection (mounted) Ple5, IP67 Metanical life-cycle >100 mating cycles Cable end assembly open cable end Degree of pollution 3	Item-No.	8017112
Step-File WMKCU19.stp EAN 4047106066024 Technical data Connector female, angled, M23 Number of pins 19 Pin assignment 1 VT, 2 RD, 3 GY, 4 RDBU, 5 GN, 6 BU, 7 GYPK, 8 WHGN, 9 WHYE, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 18 GYBN, 19 BN Rated voltage 125V Current load power 10A contacts 6,12,19 Current load signal 4A, all other contacts Insulation resistance ≥10 ¹ Ω Ambient temperature product -30 ² C+90 ² C Contact material Metal, CuZn, gold-plated Contact-carrier material Plastic, PBT, WH Grip body material Plastic, TPU, BU Coupling nut material Metal, CuZn, nickel-plated Sealing (female) material Plastic, NBR Degree of protection (mounted) IP65, IP67 Mechanical life-cycle >100 mating cycles Cable end assembly open cable end Degree of pollution 3	Length	10m
EAN 4047106066024 Technical data Connector female, angled, M23 Number of pins 19 Pin assignment 1 VT, 2 RD, 3 GY, 4 RDBU, 5 GN, 6 BU, 7 GYPK, 8 WHGN, 9 WHYE, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 18 GYBN, 19 BN Rated voltage 125V Current load power 10A contacts 6,12,19 Current load signal 4A, all other contacts Insulation resistance ≥10 ¹ Ω Ambient temperature product -30°C+90°C Contact material Metal, CuZn, gold-plated Contact-carrier material Plastic, PBT, WH Grip body material Metal, CuZn, nickel-plated Sealing (female) material Metal, CuZn, nickel-plated Sealing (female) material Plastic, NBR Degree of protection (mounted) IP65, IP67 Mechanical life-cycle >100 mating cycles Cable end assembly open cable end Degree of pollution 3	Customs tariff-No.	85444290
Technical dataConnectorfemale, angled, M23Number of pins19Pin assignment1 VT, 2 RD, 3 GY, 4 RDBU, 5 GN, 6 BU, 7 GYPK, 8 WHGN, 9 WHYE, 10 GYBN, 19 BNRated voltage125VCurrent load power10A contacts 6,12,19Current load signal4A, all other contactsInsulation resistance≥10°QAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PBT, WHGrip body materialPlastic, TPU, BUCoupling nut materialMetal, CuZn, nickel-platedSealing (female) materialMetal, CuZn, nickel-platedDegree of protection (mounted)Plastic, NBRDegree of protection (mounted)Ple5, IP67Mechanical life-cycle>100 mating cyclesCable end assemblyopen cable endDegree of pollution3	Step-File	WMKCU19.stp
Connectorfemale, angled, M23Number of pins19Pin assignment1 VT, 2 RD, 3 GY, 4 RDBU, 5 GN, 6 BU, 7 GYPK, 8 WHGN, 9 WHYE, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 18 GYBN, 19 BNRated voltage125VCurrent load power10A contacts 6,12,19Current load signal4A, all other contactsInsulation resistance≥10 ™QAmbient temperature product-30 °C+90 °CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PBT, WHGrip body materialPlastic, PBT, WHCoupling nut materialMetal, CuZn, nickel-platedSealing (female) materialMetal, CuZn, nickel-platedDegree of protection (mounted)IP65, IP67Mechanical life-cycle>100 mating cyclesCable end assemblyopen cable endDegree of pollution3	EAN	4047106066024
Number of pins19Pin assignment1 VT, 2 RD, 3 GY, 4 RDBU, 5 GN, 6 BU, 7 GYPK, 8 WHGN, 9 WHYE, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 18 GYBN, 19 BNRated voltage125VCurrent load power10A contacts 6,12,19Current load signal4A, all other contactsInsulation resistance≥10°ΩAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PBT, WHGrip body materialPlastic, TPU, BUCoupling nut materialMetal, CuZn, nickel-platedSealing (female) materialPlastic, NBRDegree of protection (mounted)Pl65, IP67Mechanical life-cycle>100 mating cyclesCable end assemblyopen cable endDegree of pollution3	Technical data	
Pin assignment1 VT, 2 RD, 3 GY, 4 RDBU, 5 GN, 6 BU, 7 GYPK, 8 WHGN, 9 WHYE, 10 WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 18 GYBN, 19 BNRated voltage125VCurrent load power10A contacts 6,12,19Current load signal4A, all other contactsInsulation resistance≥10°ΩAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PBT, WHGrip body materialPlastic, TPU, BUCoupling nut materialMetal, CuZn, nickel-platedSealing (female) materialPlastic, NBRDegree of protection (mounted)IP65, IP67Mechanical life-cycle>100 mating cyclesCable end assemblyopen cable endDegree of pollution3	Connector	female, angled, M23
Rated voltage125VCurrent load power10A contacts 6,12,19Current load signal4A, all other contactsInsulation resistance≥10°ΩAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PBT, WHGrip body materialPlastic, TPU, BUCoupling nut materialMetal, CuZn, nickel-platedSealing (female) materialPlastic, NBRDegree of protection (mounted)IP65, IP67Mechanical life-cycle>100 mating cyclesCable end assemblyopen cable endDegree of pollution3	Number of pins	19
Current load power10A contacts 6,12,19Current load signal4A, all other contactsInsulation resistance≥10°ΩAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PBT, WHGrip body materialPlastic, TPU, BUCoupling nut materialMetal, CuZn, nickel-platedSealing (female) materialPlastic, NBRDegree of protection (mounted)IP65, IP67Mechanical life-cycle>100 mating cyclesCable end assemblyopen cable endDegree of pollution3	Pin assignment	WHGY, 11 BK, 12 GNYE, 13 YEBN, 14 BNGN, 15 WH, 16 YE, 17 PK, 18
Current load signal4A, all other contactsInsulation resistance≥10°ΩAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PBT, WHGrip body materialPlastic, TPU, BUCoupling nut materialMetal, CuZn, nickel-platedSealing (female) materialPlastic, NBRDegree of protection (mounted)IP65, IP67Mechanical life-cycle>100 mating cyclesCable end assemblyopen cable endDegree of pollution3	Rated voltage	125V
Insulation resistance≥10°ΩAmbient temperature product-30°C+90°CContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PBT, WHGrip body materialPlastic, TPU, BUCoupling nut materialMetal, CuZn, nickel-platedSealing (female) materialPlastic, NBRDegree of protection (mounted)IP65, IP67Mechanical life-cycle>100 mating cyclesCable end assemblyopen cable endDegree of pollution3	Current load power	10A contacts 6,12,19
Ambient temperature product Contact material Contact-carrier material Contact-carrier material Grip body material Coupling nut material Coupling nut material Sealing (female) material Plastic, PBT, WH Metal, CuZn, nickel-plated Plastic, NBR Plastic, NBR Degree of protection (mounted) IP65, IP67 Mechanical life-cycle Cable end assembly Degree of pollution 3 Ambient temperature product Ametal, CuZn, gold-plated Metal, CuZn, wH Plastic, NBR plastic, NBR	Current load signal	4A, all other contacts
Contact material Metal, CuZn, gold-plated Contact-carrier material Plastic, PBT, WH Grip body material Plastic, TPU, BU Coupling nut material Metal, CuZn, nickel-plated Sealing (female) material Plastic, NBR Degree of protection (mounted) Plastic, NBR Mechanical life-cycle >100 mating cycles Cable end assembly open cable end Degree of pollution 3	Insulation resistance	≥10°Ω
Contact-carrier material Plastic, PBT, WH Grip body material Plastic, TPU, BU Coupling nut material Metal, CuZn, nickel-plated Sealing (female) material Plastic, NBR Degree of protection (mounted) IP65, IP67 Mechanical life-cycle >100 mating cycles Cable end assembly open cable end Degree of pollution 3	Ambient temperature product	-30°C+90°C
Grip body material Plastic, TPU, BU Coupling nut material Metal, CuZn, nickel-plated Sealing (female) material Plastic, NBR Degree of protection (mounted) IP65, IP67 Mechanical life-cycle >100 mating cycles Cable end assembly open cable end Degree of pollution 3	Contact material	Metal, CuZn, gold-plated
Coupling nut material Metal, CuZn, nickel-plated Sealing (female) material Plastic, NBR Degree of protection (mounted) IP65, IP67 Mechanical life-cycle >100 mating cycles Cable end assembly open cable end Degree of pollution 3	Contact-carrier material	Plastic, PBT, WH
Sealing (female) material Degree of protection (mounted) Mechanical life-cycle Cable end assembly Degree of pollution Plastic, NBR IP65, IP67 >100 mating cycles open cable end 3	Grip body material	Plastic, TPU, BU
Degree of protection (mounted) Mechanical life-cycle Cable end assembly Degree of pollution P65, IP67 >100 mating cycles open cable end 3	Coupling nut material	Metal, CuZn, nickel-plated
Mechanical life-cycle >100 mating cycles Cable end assembly open cable end Degree of pollution 3	Sealing (female) material	Plastic, NBR
Cable end assembly open cable end Degree of pollution 3	Degree of protection (mounted)	IP65, IP67
Degree of pollution 3	Mechanical life-cycle	>100 mating cycles
· ·	Cable end assembly	open cable end
Style angled	Degree of pollution	3
	Style	angled



Cable 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	9.7 mm
Cable-jacket material	PUR
Jacket color	BK, similar RAL9005
Wire cross-section	16 x 0.34 mm ² + 3 x 1 mm ²
Wire insulation material	PP
Wire colors	VT, RD, GY, GN, BK, WH, PK, YE, RDBU, GYPK, WHGN, WHYE, WHGY, YEBN, BNGN, GYBN, BN, BU, GNYE
Bending radius (repeated)	min. 10 x Ø-cable
Temperature range (repeated)	-5°C+80°C
Temperature range (fixed)	-40°C+80°C
Drag chain-application	2 Mio. cycles
Halogen-free	Yes
Special features	flame retardant, LABS free, RoHs compliant, drag chain-adapted, halogen free
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
Link to product	

https://www.escha.net/en/products/standard/sensoractuator-connectors/8017112