RCK-TWGM/BL16+3/25,0PUR SH - Master cable

1511556

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Socket M23, 19-pos., angled, shielded, with shielded, connected master cable, length: 25 m

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	1511556
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB34
Product key	ABRDCB
GTIN	4017918904326
Weight per piece (including packing)	5,874 g
Weight per piece (excluding packing)	5,217.072 g
Customs tariff number	85444290
Country of origin	DE

Technical data

Product properties

Product type	Master cable, assembled
Application	Sensor/actuator box
Number of positions	19

Electrical properties

Nominal voltage U_N	48 V AC
	60 V DC

Connection data

Connection method	Fixed connection

Signaling

Status display present	no

Material specifications

Material Housing	PUR
Material of contact, master cable side	CU alloy
Material of the contact carrier on the master cable side	PA
Material of contact surface, master cable side	gold-plated

Connector

Connection 1

Head design	Socket
Head cable outlet	angled
Head thread type	M23

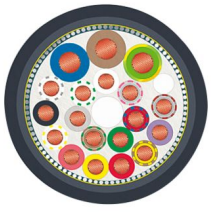
Connection 2

Head design	free cable end

Cable/line

Cable length	25 m

PUR/PVC shielded, black [PUR]

Dimensional drawing	

Number of positions	19
Shielded	yes
Cable type	PUR/PVC shielded, black [PUR]
Conductor structure signal line	64x 0.10 mm
AWG signal line	20
Conductor structure, voltage supply	128x 0.10 mm
AWG power supply	17
Conductor cross-section	16x 0.5 mm² (Signal line)
	3x 1 mm² (Power supply)
Wire diameter incl. insulation	1.6 mm (Signal line)
	2 mm (power line)
External cable diameter	11.60 mm ±0.3 mm
Outer sheath, material	PUR
External sheath, color	deep black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	brown, blue, green/yellow, white, green, yellow, gray, pink, red, black, violet, gray/pink, red/blue, white/green, brown/green, white/yellow, yellow/brown, white/gray, gray/brown
Overall twist	Wires twisted in layers
Nominal voltage, cable	300 V
Test voltage	2000 V
Dynamic load capacity (bending)	Max. bending cycles: 1500000, Bending radius: 10 x D, Traversing path: 2 m, Traversing rate: 2 m/s
Flame resistance	DIN EN 50265
Resistance to oil	according to VDE 0472 Part 803
Other resistance	Highly resistant to acids, alkaline solutions and solvents
Special properties	Silicone-free
	Free of substances which would hinder coating with paint or varnish
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)
	-5 °C ... 80 °C (Cable, flexible installation)

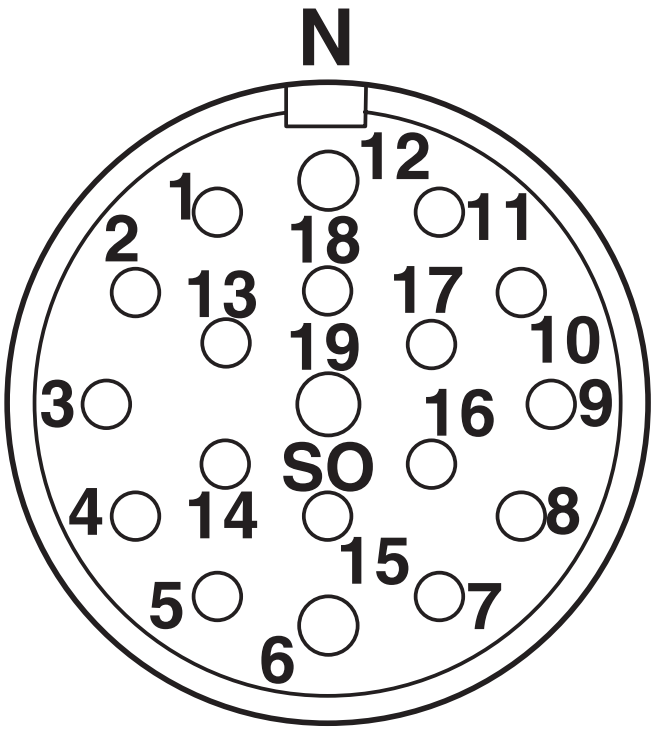
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-40 °C ... 125 °C

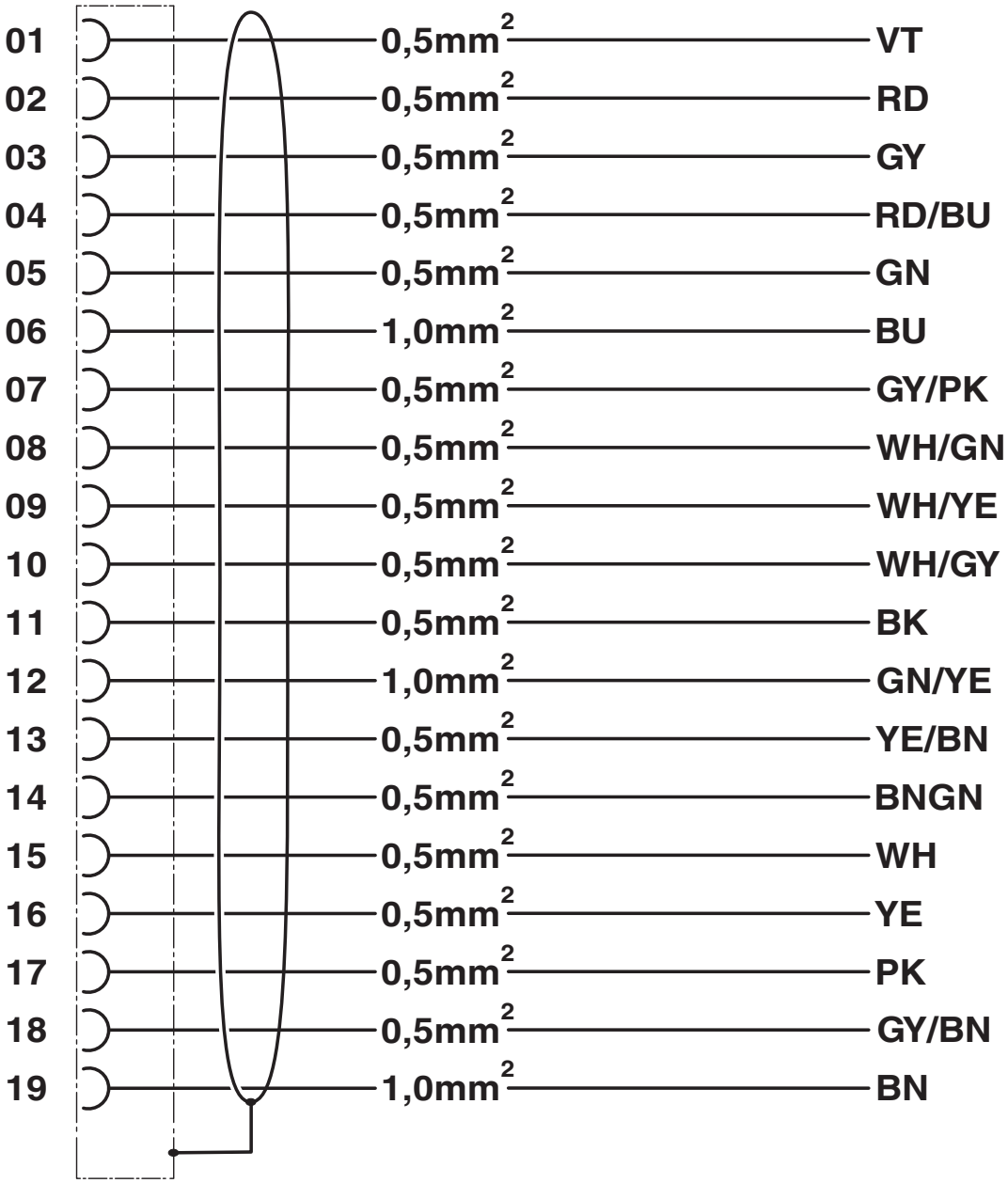
Drawings

Schematic diagram



Pin assignment M23 socket, 19-pos., female side view

Circuit diagram



Circuit diagram

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1511556

EAC
Approval ID: 19060508

Classifications

ECLASS

ECLASS-13.0	27060311
ECLASS-15.0	27060311

ETIM

ETIM 10.0	EC001855

UNSPSC

UNSPSC 21.0	26121600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	52f1c2d9-db29-4493-8658-5d1c8d194245

EF3.1 Climate Change

CO2e kg	53.627 kg CO2e

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com