

Technical data sheet

Connection cable

Part no.: 50132434

KD S-M12-4A-P1-250

Contents

- Technical data
- Electrical connection
- Circuit diagrams
- Accessories



For illustration purposes only



Technical data

Basic data

Application	Oil and lubricant resistant
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Electrical data

Performance data

Operating voltage	Max. 60 V AC/DC
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Connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
No. of pins	4 -pin
Encoding	A-coded
Version	Axial
Connector, LED	No
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Connection 2

Type of connection	Open end
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Cable properties

Number of conductors	4 Piece(s)
Wire cross section	0.34 mm ²
AWG	22
Sheathing color	Black
Shielded	Yes
Silicone-free	Yes
Cable design	Connection cable (open on one end)
Cable diameter (external)	5.3 mm
Cable length	25,000 mm
Sheathing material	PUR
Wire insulation	PUR
Suitability for drag chains	No

Mechanical data

Width across flats	13 mm
Bending radius, flexible laying, min.	Min. 10 x cable diameter
Bending radius, stationary laying, min.	Min. 5 x cable diameter

Operation and display

Environmental data

Ambient temperature, operation, flexible use	-25 ... 80 °C
Ambient temperature, operation, stationary use	-40 ... 80 °C

Certifications

Degree of protection	IP 65
	IP 67
Approvals	c UL US

Classification

Customs tariff number	85444290
ECLASS 5.1.4	27279201
ECLASS 8.0	27279218
ECLASS 9.0	27060311
ECLASS 10.0	27060311
ECLASS 11.0	27060311
ECLASS 12.0	27060311
ECLASS 13.0	27060311
ECLASS 14.0	27060311
ECLASS 15.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855
ETIM 8.0	EC001855
ETIM 9.0	EC001855
ETIM 10.0	EC001855

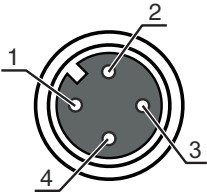
Electrical connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
No. of pins	4 -pin
Encoding	A-coded
Version	Axial
Connector, LED	No
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Electrical connection

Pin	Conductor color
1	Brown
2	White
3	Blue
4	Black

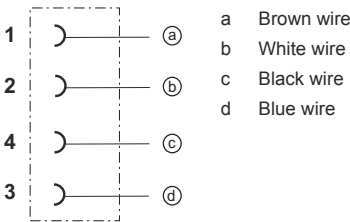


Connection 2

Type of connection	Open end
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Circuit diagrams

Wiring schematic



Accessories

General

	Part no.	Designation	Article	Description
	50132266	TT-Set 0,6-13	Tool	Type: Torque key Width across flats: 13 mm Torque: 0.6 N·m Material: Plastic, Stainless steel Ambient temperature: -40 ... 120 °C

Note



A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.