

Technical data sheet

Connection cable

Part no.: 50135939

KD S-M12-8W-P1-500

Contents

- Technical data
- Electrical connection
- Circuit diagrams

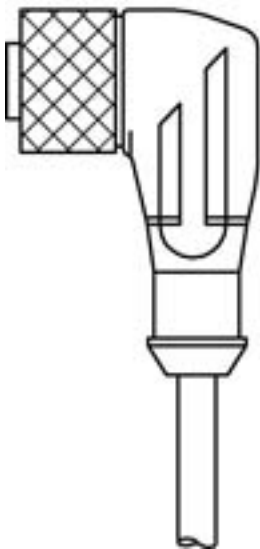


Figure can vary



Technical data

Electrical data

Performance data

Operating voltage 30 V AC/DC

Connection

Connection 1

Type of connection	Connector
Thread size	M12
Type	Female
Handle body material	PUR
No. of pins	8 -pin
Encoding	A-coded
Version	Angled
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Connection 2

Type of connection Open end

Cable properties

Number of conductors	8 Piece(s)
Wire cross section	0.25 mm ²
AWG	24
Sheathing color	Black
Shielded	Yes
Silicone-free	Yes
Cable design	Connection cable (open on one end)
Cable diameter (external)	6.6 mm
Cable length	50,000 mm
Sheathing material	PUR
Wire insulation	PP
Suitability for drag chains	No

Mechanical data

Width across flats	13 mm
Bending cycles	2,000,000 Piece(s)
Bending radius, flexible laying, min.	Min. 10 x cable diameter
Bending radius, stationary laying, min.	Min. 5 x cable diameter

Environmental data

Ambient temperature, operation, flexible use	-20 ... 80 °C
Ambient temperature, operation, stationary use	-40 ... 80 °C

Certifications

Degree of protection	IP 65
	IP 67

Classification

Customs tariff number	85444290
eCl@ss 5.1.4	27279201
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
eCl@ss 10.0	27060311
eCl@ss 11.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855

Electrical connection

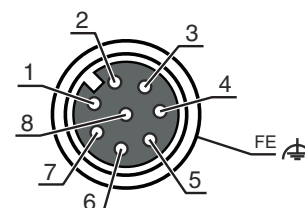
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Pin

1	White
2	Brown
3	Green
4	Yellow
5	Gray
6	Pink
7	Blue
8	Red

Conductor color



Electrical connection

Connection 2

Type of connection

Open end

Circuit diagrams

Wiring schematic

