



**Part no.: 50133389**  
**KS GB-M12-8A-P7-100**  
**Connection cable**



Figure can vary

## Contents

- Technical data
- Electrical connection

## Technical data

### Basic data

Suitable for interface	Ethernet
------------------------	----------

### Electrical data

#### Performance data

Operating voltage	Max. 125 V AC/DC
-------------------	------------------

### Connection

#### Connection 1

Type of connection	Connector
Thread size	M12
Type	Male
Handle body material	PUR
No. of pins	8 -pin
Encoding	X-coded
Design	Axial
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	0.14 mm <sup>2</sup>
AWG	26
Sheathing color	Green
Shielded	Yes
Silicone-free	Yes
Cable design	Connection cable (open on one end)
Cable diameter (external)	6.4 mm
Cable length	10,000 mm
Sheathing material	PUR
Wire insulation	PE
Suitability for drag chains	No
Properties of the outer sheathing	Free of CFC, cadmium, silicone and lead, easily machine-processable
Resistance of the outer sheathing	Good oil, gasoline and chemical resistance in accordance with VDE 072, flame retardant in accordance with IEC 60332 / VDE 0472

### 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

### Environmental data

Ambient temperature, operation, flexible use	-5 ... 70 °C
Ambient temperature, operation, stationary use	-40 ... 80 °C

### Certifications

Part no.: 50133389 – KS GB-M12-8A-P7-100 – Connection cable

Degree of protection	IP 65 IP 67
----------------------	----------------

**Classification**

Customs tariff number	85444290
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855

**Electrical connection**

Connection 1	
Type of connection	Connector
Thread size	M12
Type	Male
Handle body material	PUR
No. of pins	8 -pin
Encoding	X-coded
Design	Axial
Lock	Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking

Connection 2	
Type of connection	Open end