

# Connection technology

## M23 connection technology

## Cordsets, pre-assembled

### With connector, 12 pin

Working temp. -30°C ... +80°C [-22°F ... +176°F]

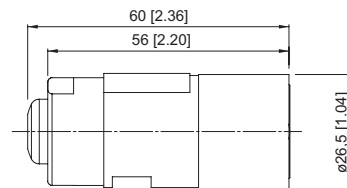
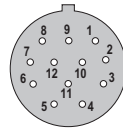
Order no.

#### Female connector with coupling nut + single-ended

Cable: PUR, 10 x 0.14 mm<sup>2</sup> [AWG25] +  
2 x 0.5 mm<sup>2</sup> [AWG20]

Housing: metal, IP67

pin socket  
assignment cw



suitable for our series with RS422 or  
SinCos output:

KIS50 / KIH50 <sup>3)</sup>	5000 / 5020 <sup>3)</sup>
5803 / 5823	5804 / 5824
5805 / 5825	
5814 / 5834 <sup>3)</sup>	5814FSx / 5834FSx
A020 / A02H <sup>3)</sup>	H120 <sup>3)</sup>

#### Terminal assignment

Pin female contacts:	1	2	3	4	5	6	7	8	9	10	11	12	PH <sup>2)</sup>
Core color:	PK	BN	BU	RD	GN	YE	-	GY	-	WH 0.5 mm <sup>2</sup>	WH 0.5 mm <sup>2</sup>	BN 0.5 mm <sup>2</sup>	PH <sup>2)</sup>

#### cable length<sup>1)</sup>

standard cable length	2 m [6.56']
(available from 1 piece)	5 m [16.40']
	10 m [32.81']
	15 m [49.21']

**8.0000.6101.0002**  
**8.0000.6101.0005**  
**8.0000.6101.0010**  
**8.0000.6101.0015**

other cable lengths  
(available from 1 piece)

**8.0000.6101.00xx**  
xx = length in meters:  
1, 3, 8, 12, 20, 25, 30

1) Other cable lengths on request.

2) Shield on housing.

3) Connector color assignment is different from encoder color assignment.