

## Sub-D connection technology Cordsets, pre-assembled

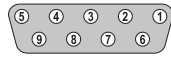
With Sub-D connector

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

Order no.

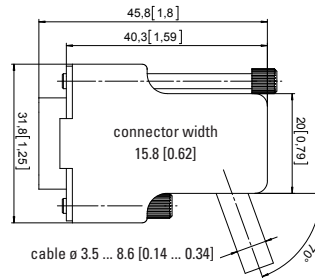
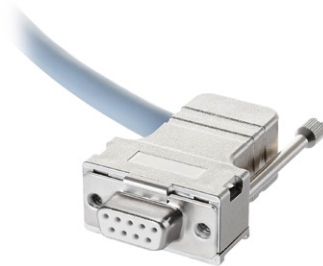
**Sub-D female connector, 9-pin  
with cable outlet 70° +  
single-ended**

Cable: PVC, 3 x 2 x 0.25 mm<sup>2</sup> [AWG 23]  
Housing: ABS, metallized, IP20



suitable for our series:

SMC1.1, SMC2.2  
(for SinCos signals – terminal X6, X7)



Terminal assignment

Signal:	0 V	+V	A	$\bar{A}$	B	$\bar{B}$	PH <sup>2)</sup>
Pin Sub-D:	5	4	1	9	3	2	⊥
Core colour:	WH	BN	GN	YE	GY	PK	⊥

cable length <sup>1)</sup>

2 m [6.56']	<b>8.0000.6V00.0002.0086</b>
5 m [16.40']	<b>8.0000.6V00.0005.0086</b>
10 m [32.81']	<b>8.0000.6V00.0010.0086</b>
15 m [49.21']	<b>8.0000.6V00.0015.0086</b>

- +V: encoder power supply +V DC
- 0 V: encoder power supply ground GND (0 V)
- A,  $\bar{A}$ : cosine signal
- B,  $\bar{B}$ : sine signal
- PH ⊥: plug connector housing (shield)

1) Other cable lengths on request.  
2) Shield on housing.