

Cables and connectors

Preassembled cables

PCB connection technology

With PCB connector, 12 pin



Female PCB connector

PVC cable, 16 x 0.14 mm² [AWG25]

Single-ended



Order details

Order no.

Cable length	1 m [3.28']	8.0000.6D91.0001.0097
	2 m [6.56']	8.0000.6D91.0002.0097

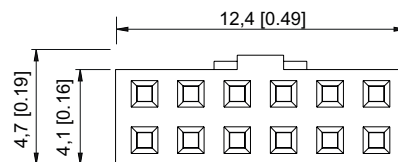
	xx m	8.0000.6D91.00xx.0097
standard cable length (further on request)		xx = length in meters: 1, 2, 3, 5, 8, 10, 12, 15, 20, 25, 30

Technical data

Connector
material housing plastic

Dimensions in mm [inch]

Wire cross sections	16 x 0.14 mm ² [AWG25]
Working temperature range	
flexible installation	-5 °C ... +70 °C [+23 °F ... +158 °F]
fixed installation	-30 °C ... +80 °C [-22 °F ... +176 °F]
Bending radius cable min.	
flexible installation	105 mm [4.13"]
fixed installation	70 mm [2.76"]
Cable sheath	
cable diameter approx.	7,0 mm ±0.3 mm
material sheath	PVC



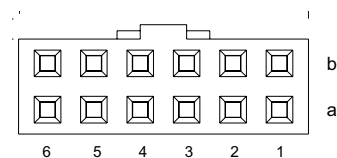
Connections

Terminal assignment

Plug-in face

Pin female contacts:	1a	1b	2a	2b	3a	3b	4a	4b	5a	5b	6a	6b
Core color:	n.c.	BN	GN	n.c.	n.c.	PK	GY	WH	n.c.	YE	n.c.	n.c.

Shield on housing



Suitable for our series

Encoders
incremental

5834 Motor Line