

# Accessories & Service

## Programming accessories

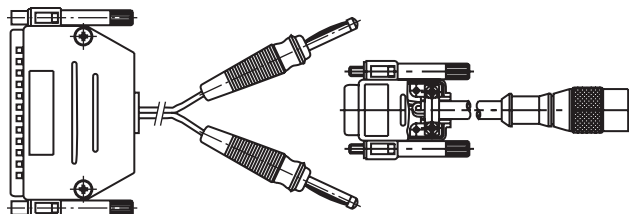
### Programming accessories



#### Part number

Z 139.005 Programming cable for parallel shaft encoders, CD with ProGeber software and manual

#### Dimensions



#### Terminal assignment

Encoder function	Mating connector M12, 5-pins	Core colour	PC connector D-SUB, 9-pins
–	Pin 1	brown	–
RxD	Pin 2	white	Pin 3
GND	Pin 3	blue	Pin 5
P/R Mode	Pin 4	black	Pin 5
TxD	Pin 5	grey	Pin 2
			Jumper 4-6 and Jumper 7-8

Connect encoder to voltage supply (UB/red/pin 36 and GND/blue/pin 37) using the supplementary 37-pin D-SUB connector.