

Encoder

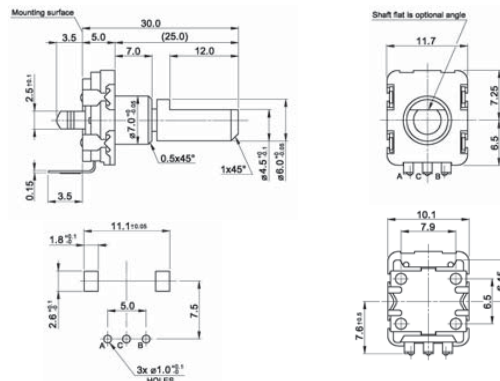


Specifications:

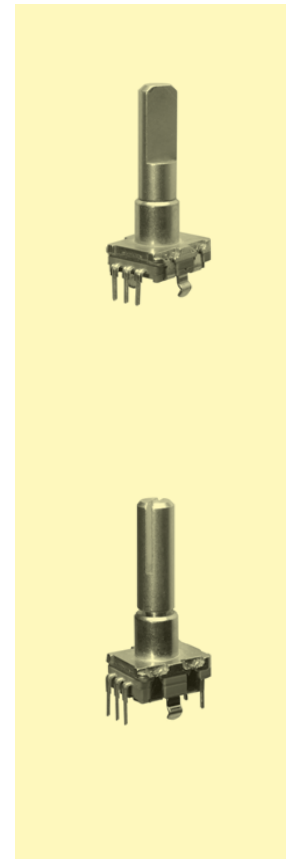
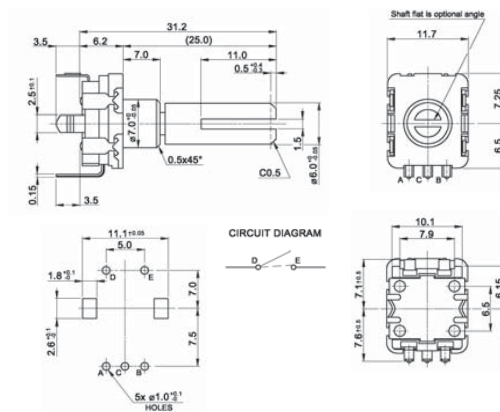
Contact rating:	5 V DC, 10 mA
Insulation resistance:	> 100 MΩ
Dielectric strength:	300 V, 50 Hz for the duration of 1 minute
Operating temperature:	−10 °C to +85°C
Rotational/Detent torque:	0.5/1.2 Ncm
Pulses/Detents per turn:	15/30 or 20/20
Mechanical life:	> 15 000 cycles
Pushbutton (optional):	actuation force 6 N, travel 0.5 mm, life > 25 000 operations
Contacts:	silver-plated
Terminals:	silver-plated
Mounting:	on pc-board
	single hole mounting, bushing M 7 x 0.75
Soldering conditions:	wave-soldering – max.: 5 sec, 260 °C

Models:

MER11-15125B



MERP11-15325B

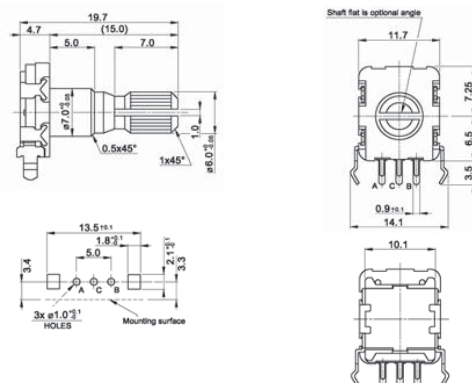




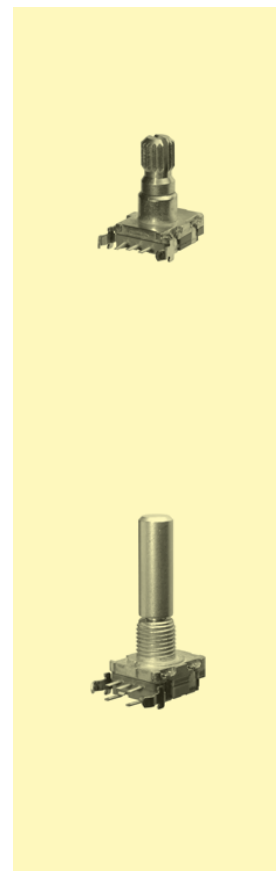
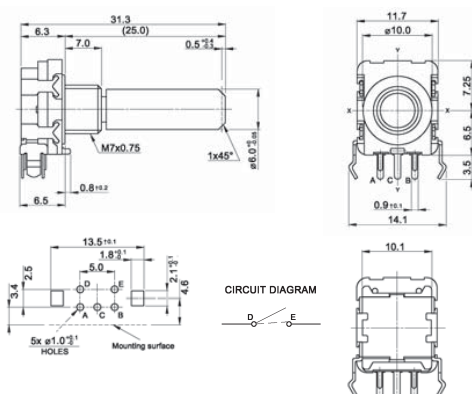
Encoder

Models:

MER11-15215A-R



MERP11-20425BM7-R



Output signal format:

Shaft rotational direction	Signal	Output
C.W.	Terminal A-C	OFF ON
	Terminal B-C	OFF ON
C.C.W.	Terminal A-C	OFF ON
	Terminal B-C	OFF ON

Ordering code 11 mm Encoder:

MER - -

Switch function:
☐ no switch
☐ switch

Number of pulses:
 15 pulses
 20 pulses

Shaft type:
 flat shaft
 knurled shaft
 cut shaft
 round shaft

Bushing:
 5 mm
 7 mm

Orientation:
☒ horizontal
☐ vertical

Shaft length:
 15 mm
 17.5 mm
 20 mm
 25 mm

Bushing thread:
 M7
☐ no thread