



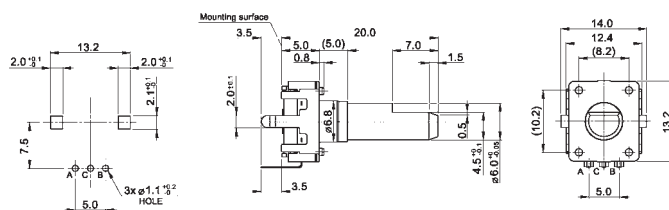
Encoder

Specifications:

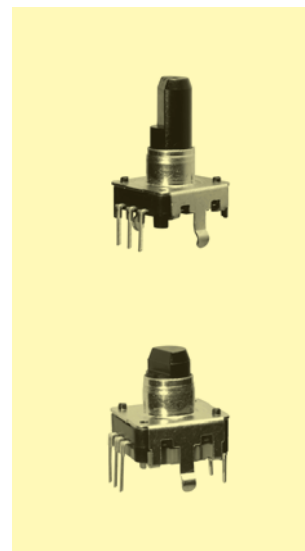
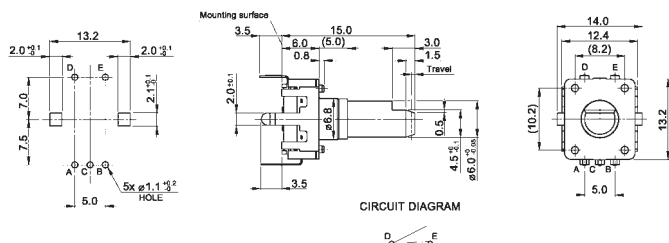
Contact rating:	5 V DC, 0.5 mA
Insulation resistance:	> 100 MΩ
Dielectric strength:	300 V, 50 Hz for the duration of 1 minute
Operating temperature:	-10 °C to +70 °C
Rotational/Detent torque:	0,5 N/2,0 Ncm
Pulses/Detents per turn:	12/24 or 24/24 (12/12, 12/0, 24/0 on demand)
Mechanical life:	>30 000 cycles
Pushbutton (optional):	actuation force 3 N, travel 0,5 mm, life > 20 000 operations
Contacts:	silver-plated
Terminals:	silver-plated
Mounting:	on pc-board
Soldering conditions:	single hole mounting, bushing M 9 x 0,75 auto-soldering – max.: 5 sec, 260 °C

Models:

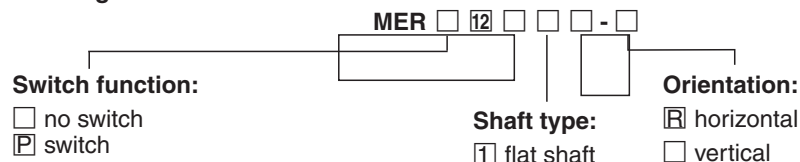
MER12-24120



MERP12-24115



Ordering code 12 mm Encoder:



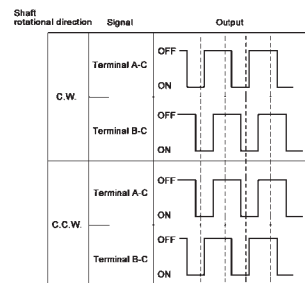
Number of pulses:

- 12 pulses
- 24 pulses

Shaft length:

- 8.5 mm
- 15.0 mm
- 17.5 mm
- 20.0 mm
- 25.0 mm

Output signal format:



knitter-switch



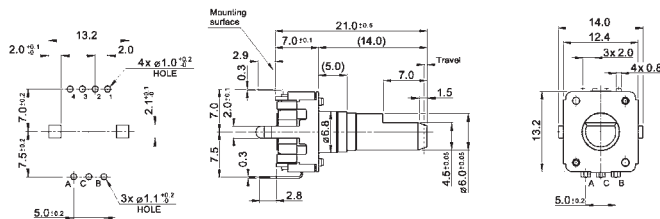
Illuminated Encoder

Specifications:

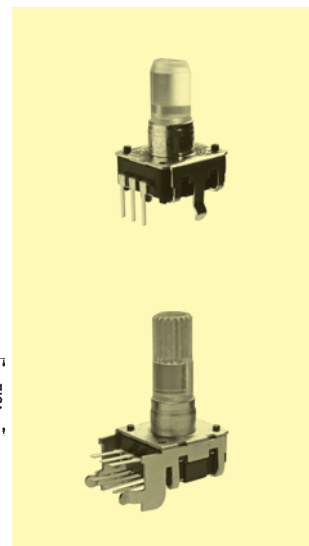
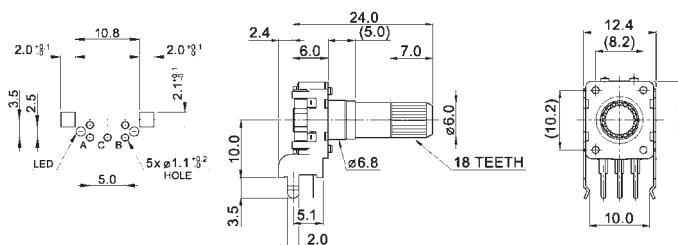
Contact rating:	5 V DC, 0.5 mA
Insulation resistance:	> 100 MΩ at 250 V DC / 1 mA
Dielectric strength:	300 V AC for 1 minute
Operating temperature:	-10 °C to +70 °C
Rotational/Detent torque:	0,5 Ncm/2,0 Ncm
Pulse/Detents per turn:	12/12 or 24/24, version "N": no detent
Mechanical life (cycle function):	minimum 30 000 cycles
Pushbutton (optional):	Operating force: 4 N, travel 0,5 mm, mechanical life >20 000 operations
Contacts:	silver-plated
Terminals:	silver-plated
Mounting:	on pc-board with pin-contact optional single hole mounting, bushing M 9 x 0,75
Illuminating:	Types with push button: 2 LED; types without push button: 1 LED
Soldering conditions:	260 °C ± 5 °C, 3 ± 1 sec.

Models:

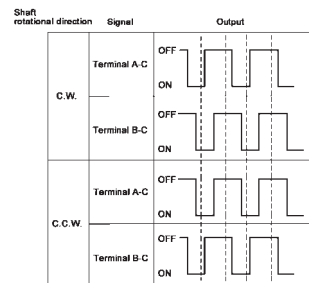
MERP12-24121BG



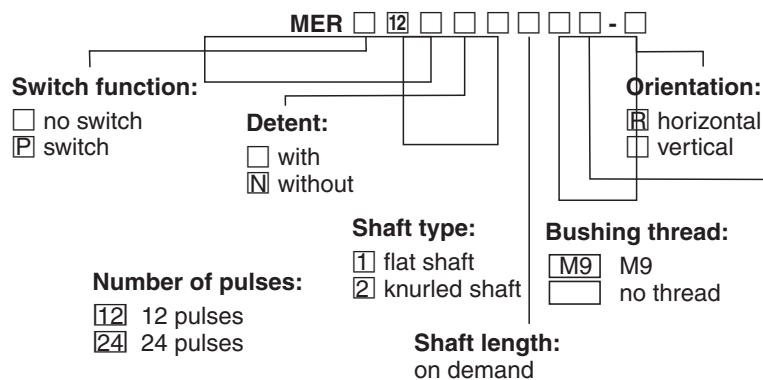
MER12-12224RE-R



Output signal format:



Ordering code 12 mm Encoder:



knitter-switch

- OB orange, blue (for MERP)
- BG blue, green (for MERP)
- GR red, green (for MERP)

Distributor: Sider Electronic Industries Ltd.
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Email: info@sider.com.hk URL: www.sider.com.hk



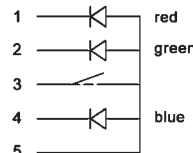
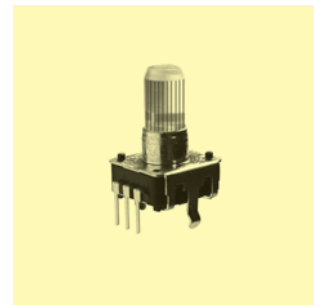
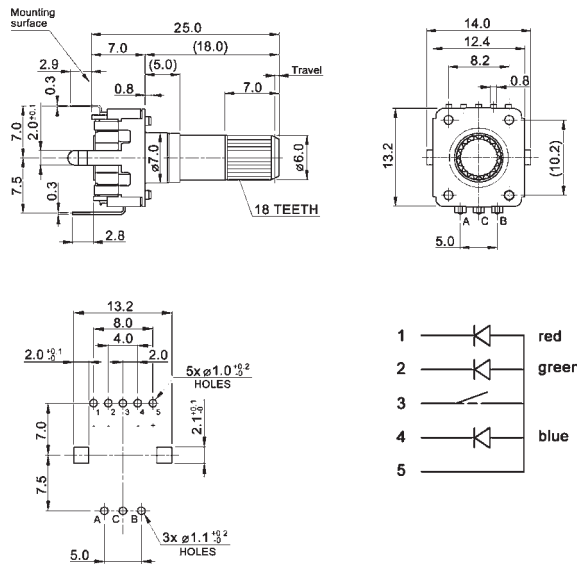
Illuminated Encoder

Specifications:

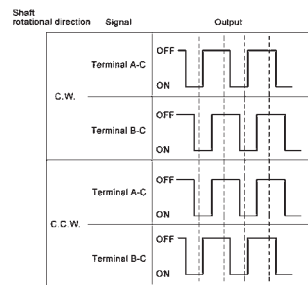
Contact rating:	5 V DC, 0.5 mA
Insulation resistance:	>100 MΩ
Dielectric strength:	300 V, 50 Hz for the duration of 1 minute
Operating temperature:	-10 °C to +70 °C
Rotational/Detent torque:	0.5 Ncm / 2.0 Ncm
Pulses/Detents per turn:	12/12 or 24/24, version "N": no detent
Mechanical life (cycle function):	minimum 30 000 turns
Pushbutton function:	Actuation force 4.5 ± 2 N, travel 0.5 mm, mechanical life >20 000 operations
Material:	Contacts: stainless steel, silver-plated
Contacts and terminals:	silver-plated
Mounting:	on pc-board with pin-contact
Illuminating:	RGB-LED
Soldering conditions:	wave soldering, max. 5 s max. 260 °C, pre-heat max. 60 s max. 100 °C

Models:

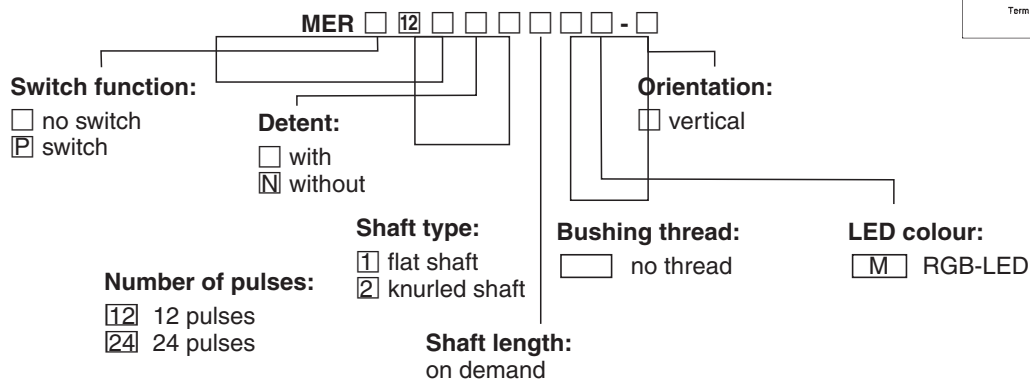
MERP12-24225M



Output signal format:



Ordering code 12 mm Encoder:



knitter-switch

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