

Specifications:

 $\begin{array}{lll} \mbox{Contact rating:} & \mbox{5 V DC, 10 mA} \\ \mbox{Contact resistance:} & \mbox{<100 m}\Omega \\ \mbox{Insulation resistance:} & \mbox{>100 M}\Omega \end{array}$

Dielectric strength: 300 V, 50 Hz for the duration of 1 minute

Operating temperature: -40° to $+85^{\circ}$ C Rotational/Detent torque: 0.5 N/2.0 Ncm

Pulses/Detents per turn: 24/24

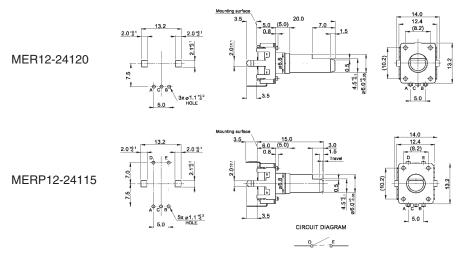
Mechanical life: >30 000 cycles

Pushbutton (optional): actuation force 3 N, travel 0,5 mm, life > 20 000 operations

Contacts: silver-plated
Terminals silver plated
Mounting: on pc-board

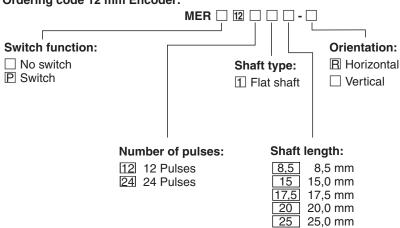
single hole mounting, bushing M 9 x 0,75 Soldering conditions: auto-soldering – max.: 5 sec, 260° C

Models:

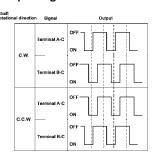




Ordering code 12 mm Encoder:



Output signal format:



Illuminated Encoder



Specifications:

Contact rating: 5 V DC, 10 mA (1 mA min.)

Contact resistance: $<100 \text{ m}\Omega$

Insulation resistance: $> 100 \text{ M}\Omega$ at 250 V DC / 1 mA

Dielectric strength: 300 V AC for 1 minute

Operating temperature: -40° to $+85^{\circ}$ C Rotational/Detent torque: 0,5 Ncm/2,0 Ncm

Pulse/Detents per turn: 12/12 or 24/24, Variante "N": no grid

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

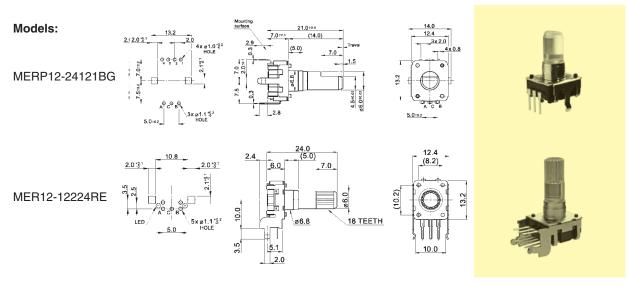
Contacts and Terminals: copper alloy silver-plated

Mounting: on pc-board with pin contact

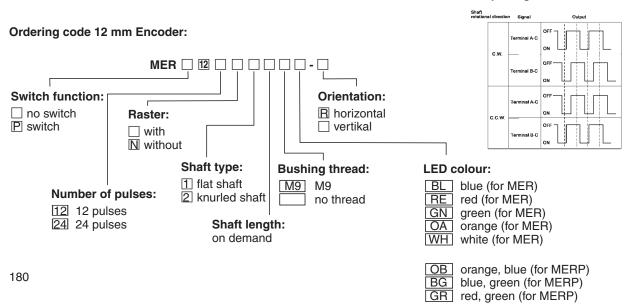
optional single hole mounting, bushing M 9 x 0,75

Illuminating: Types with push button: 2 LED; types without push button: 1 LED

Soldering conditions: $260^{\circ}\text{C} \pm 5^{\circ}\text{ C}, 3 \pm 1 \text{ sec.}$



Output signal format:



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