



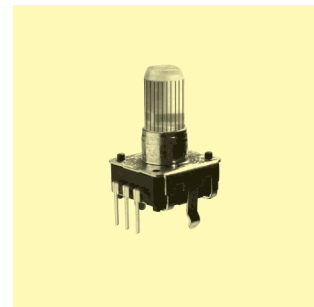
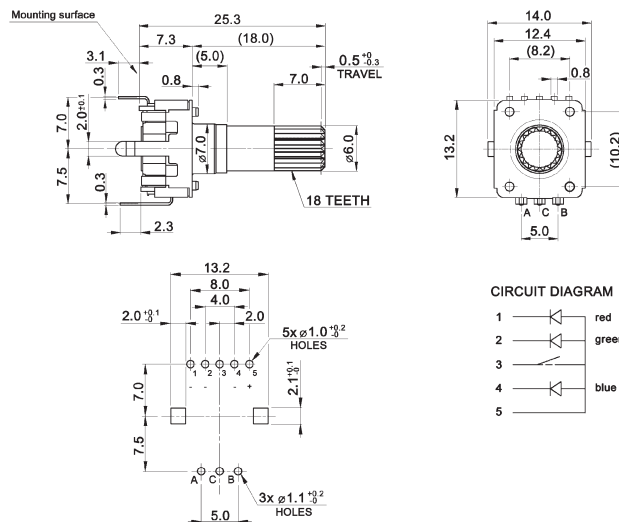
Illuminated Encoder

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 sec, 260 °C

Model:

MERP12-24225M



Output signal format:

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

Ordering code 12 mm Encoder:

