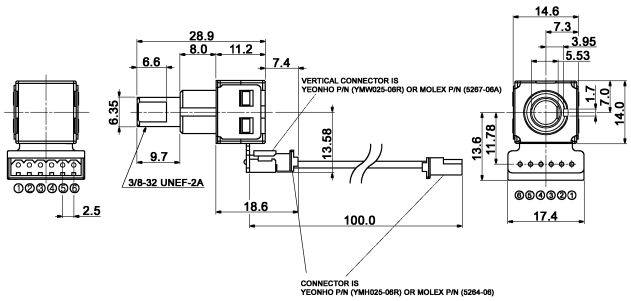
Optical Encoder

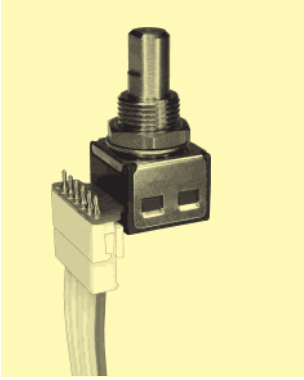
Specifications:

Power supply:	3.3 or 5 V DC, 20 mA max.	
Insulation resistance:	> 100 MΩ	
Dielectric strength:	300 V, 50 Hz for the duration of 1 minute	
Operating temperature:	– 10 °C to + 50 °C	
Rotational torque:	1 or 2 Ncm	
Pulses/Detents per turn:	4/16, 8/32	
Frequency response	100 Hz max.	
Electrical life:	> 1 000 000 turns	
Pushbutton:	Contact rating:	12 V DC, 10 mA, min. 0.1 mA
	Contact resistance:	< 10 Ω
	Operating force:	10 N
	Electrical Life:	> 1 000 000 cycles
	Travel:	0.3 mm
Mounting:	single hole mounting, thread 3/8-32 UNEF-2A	

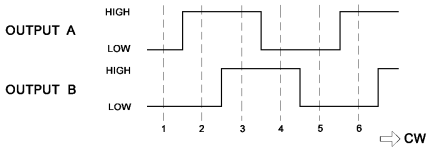
Model:

MEOP 14 DP32F10-Y

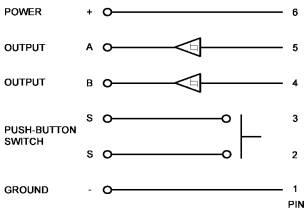




Output phases:



Output circuitry:



Ordering code: **MEOP 14** ☐ ☐ ☐ ☐ - ☐ ☐

Locating pin:
- [S] with
- ☐ without

Detent:
- [A] soft
- [D] hard
- [N] none

Pushbutton:
- ☐ without
- [P] with

Shaft:
- [F10] flat
- [R10] round

Pulse/Detents per turn:
- [16] 4 pulses (16 detents with A, D)
- [32] 8 pulses (32 detents with A, D)

Connection/Output:
- [P] Pin-header 6x2.54 mm
- [M] Wire 100 mm, Molex 2695-6
- [G] like M, without Schmitt-Trigger
- [G2] like G, Molex 50-57-9006
- [Y] like M, Molex 5264-06

We use Molex and equivalents