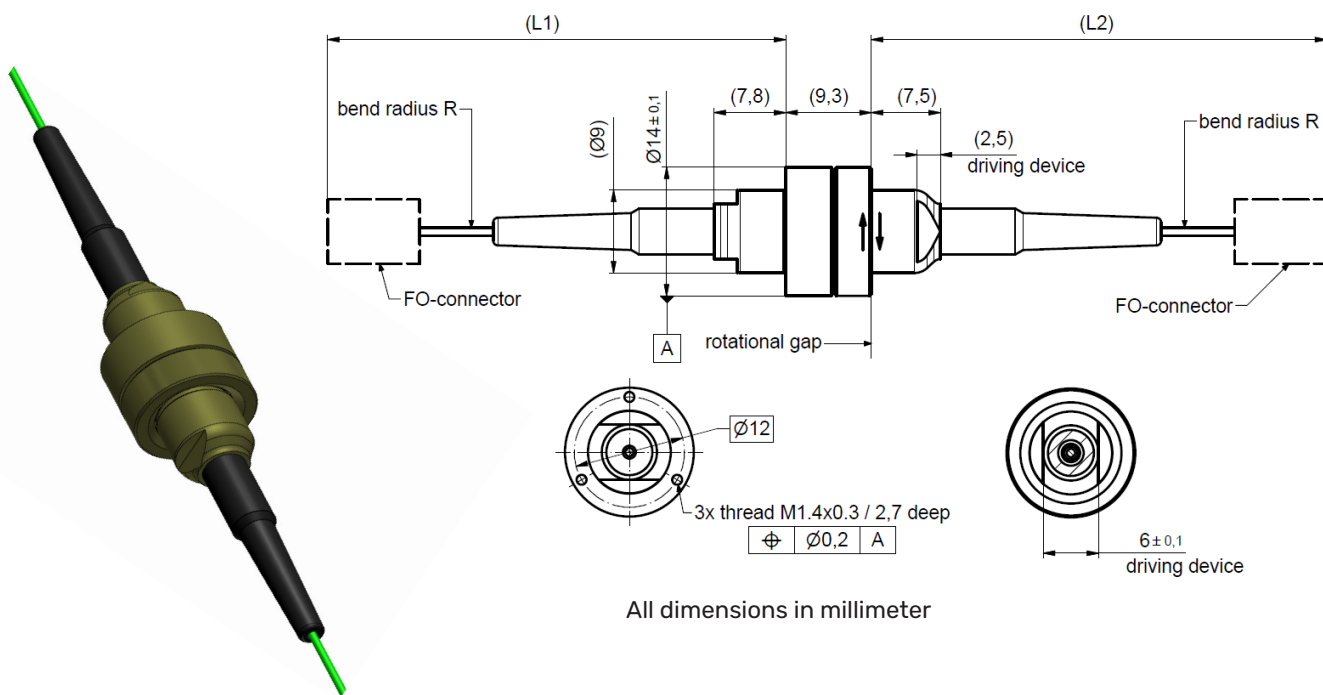


## Multimode 1 Channel FC-PC Mini FORJ



### Fibre optic channel characteristics

Channels	1 CH
Channel designation	1
FO connector / material	FC-PC / ceramic
Fibre type	Multimode G50 / 125 μm / 900 μm buffer
Fibre length (L1 / L2)	4500 ±150 mm / 4500 ±150 mm
Long term bend radius, min. (R)	30 mm
Wavelength	850 nm / 1300 nm
Average power capability, max.	10 mW / 10 dBm
Insertion loss, max.	2.5 dB / 1.5 dB
Insertion loss variation over rotation, max.	1.0 dB

Continued...

## Multimode 1 Channel FC-PC Mini FORJ

Continued...

### Mechanical characteristics

Rotating speed, max. / nominal	3000 rpm / 2000 rpm
Life, min.	200 x 10 <sup>6</sup> revolutions
Torque (room temperature), max.	0.06 Nm @ rotation
Interface loads, max.	no loads allowed
Case material	copper alloy, corrosion resistant
Case surface finish	no finish
IP protection level	IP54 per EN 60529 (all interfaces connected with appropriate gaskets)
Weight, approx.	0.02 kg
Marking	laser engraving

### Environmental conditions

#### Operation

Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

#### Storage

Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)