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POF– MPX (Plastic Optical Fiber – Multiplexer)

Datasheet - Version V1.1, Date: 08.05.2007

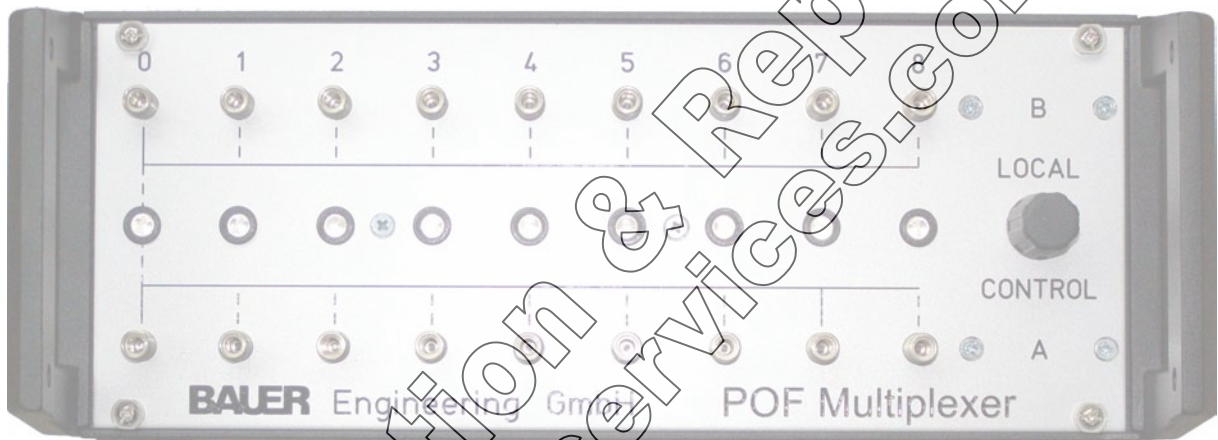


Figure 1: POF multiplexer device 2 Channels (A, B) 8 Positions

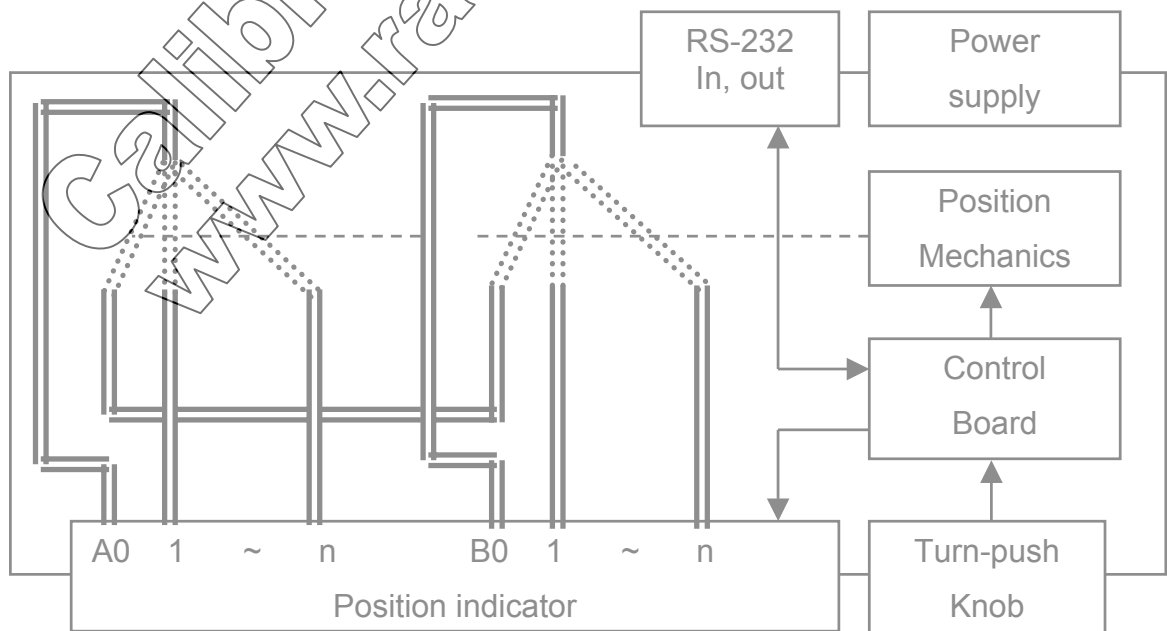
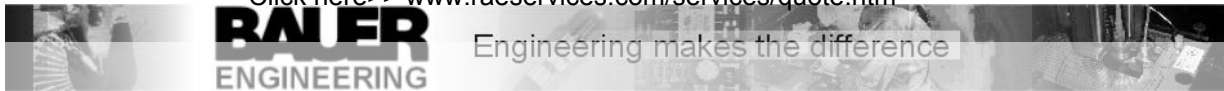


Figure 2: Function block diagram of POF multiplexer



Specification

- Port positions: customer specified (maximal 8)
- Channels: customer specified (maximal 2)
- Attenuation: 4.0 ± 1.0 dB
- Optical isolation: > 60 dB (= 1:1000000)
- Switch time: < 1 second
- Interface: RS-232 (9600 bps, 8 data, 1 stop, no parity)

Specification are subject to change without notice.

Technical data

- Integrated fiber: 1 mm, index=step, NA=0,5 or customers
Toray PFDU-CD 1001-23ABD
- Fiber connectors: FSMA or ST
- Control: Local: rotate/push knob
Remote: RS-232
- RS-232 input: SubD 9 pin female
- RS-232 output: SubD 9 pin male
- Power supply: 85 - 260 Vac / 1A, 50 / 60 Hz
- Room temperature: $15 - 35$ °C
- Case: 19/2", 2HU (HU = High Units)
- Dimension: Width x Length x Height = 235 x 370 x 135 mm
- Weight: 3.2 kg