



# BAUER ENGINEERING

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## POF-SWM Plastic Optical Fiber - Switch Manual

DATASHEET - Version 1.0, Date: 06.02.2007

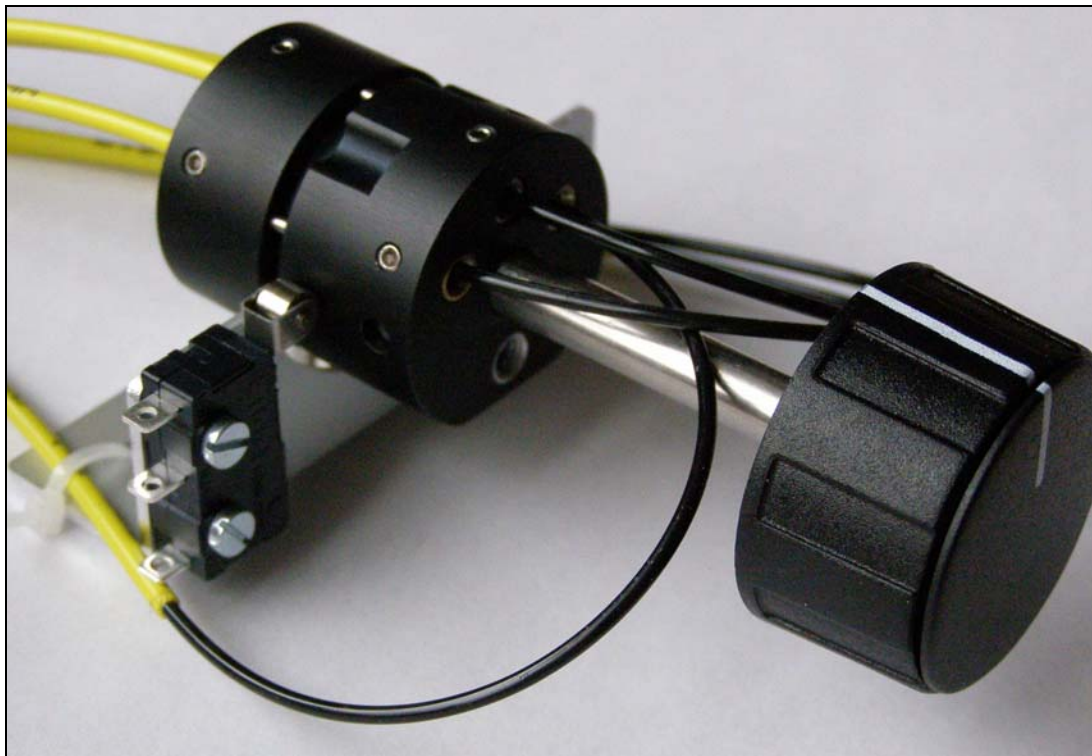
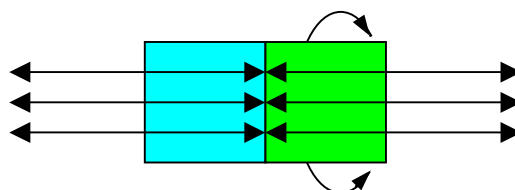


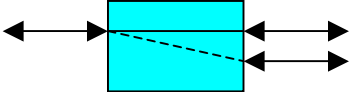
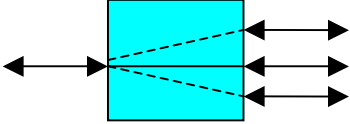
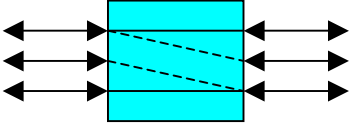
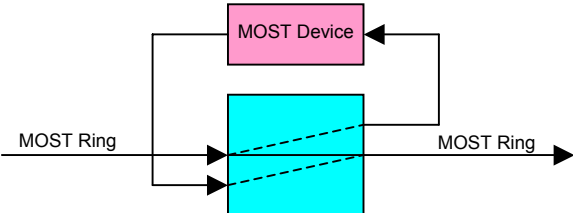
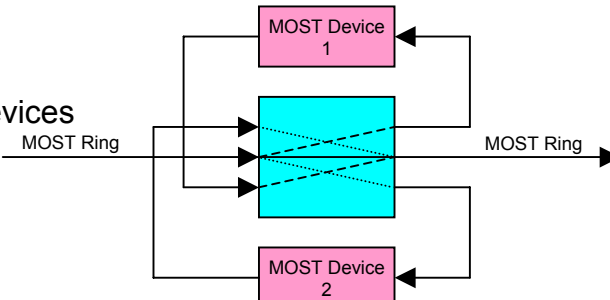
Figure 1: OEM version with fibers and electrical position check switch

### Description

Two cylinders are turned against each other. Each cylinder may take in and hold up to three fiber tails with mounted inserts (type TYCO). One cylinder can be turned by a  $\varnothing 6$  mm shaft which can be driven by an ordinary scale knob.



This arrangement makes the following switching configurations possible:

- Single switch, two outputs:
 
- Single switch, three outputs:
 
- Double switch, two outputs
 
- Switch to in- / exclude a MOST device
 
- Switch to in- / exclude alternatively two MOST devices
 

## Specification

- Insertion loss: 2.0dB  $\pm$  0.5 dB
- Optical isolation: > 60 dB (= 1:1000000)
- Optional: electrical position check switch

## Technical Data

- Dimensions: 60 x 35 x 88 mm
- Connectors: POF MOST- Inserts male (TYCO)
- Weight: 85g

Specification are subject to change without notice.