

29500092	<b>DATA SHEET</b>
Valid from: 05.08.2021	<b>POF Optical Transmitter (TMR)-1</b>

## Description

- Stabilized, modulatable optical transmitter
- Suitable for optical function test of optical drain or attenuation measurement in combination with power measurement device
- Adapters for F-SMA, F-ST, F-05, HFBR available (separately cultivable)



## General characteristics

Optical connection	Changeable adapters, provided with BNC
Possible changeable adapter (separately cultivable)	F-SMA (IEC 61754-22) F-ST (IEC 61754-2) F-05 (kompatibel zu TOSLINK) HFBR (Versatile Link Standard)
Power supply	Battery 6V (=4x 1.5V type AA) alternative: external USB-C connection (5V)
Degree of protection	IP20
Temperature range	0 °C to +50 °C (+32 °F to +122 °F) (operation) -20 °C to +70 °C (-4 °F to +158 °F) (storage)
Connections for transmission of transmitter parameters	USB-C socket microSD card slot

## Electrical properties

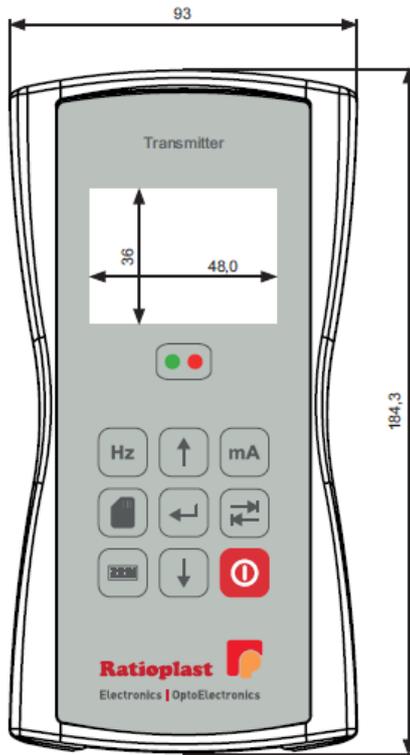
Current source (switchable)	10 mA 20 mA 30 mA 40 mA 50 mA
Current modulation (switchable)	DC (direct current) 1 kHz 10 kHz 20 kHz
Current drift	± 1 mA
Temperature drift	0.02 % / °C
Terminating resistor (min)	10 Ω

## Mechanical properties

Housing, material	Plastic
Handle, material	Metal

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### Technical drawing



Dimension (without handle)

### Application range

Optical installation and quality control, measurement of optical fibre and sensors

### Note

Photographs are not true to scale and do not represent detailed images of the respective products.