

Accessories

Fiber-optic receiver

LWL EHE



Features

- Receiver for one fiber-optic signal
- Reconversion of optical signals into electrical signals and generation of a status signal
- Transmission error detection via checksum (crc)
- High-precision transmission of incremental signals (Jitter <100 ns)
- Low, constant throughput time even at maximum cable length (<5 µs)

Part number

LWL EHE Fiber-optic receiver, standard rail, input 1x fiber-optic

Technical data

Voltage supply	9...30 VDC
Consumption w/o load	≤300 mA
Start time	<500 ms
Outputs	HTL (power linedriver) TTL (RS422)
Output signals	K1, K2, K0, Err + inverted S1 (status), SSum (sum status)
Output frequency	≤300 kHz (HTL) ≤1 MHz (TTL)
Output level	HTL: low: ≤0,2 UB high: ≥0,8 UB TTL: low: ≤0,7 V high: ≥3 V
Status output	Status 1 (configurable)
Inputs	1x fiber-optic, 1x Ack (error receipt)
Input signals	LWL 1
Input level	Ack >2.5 V
Connection	Screw terminal connector ST connector
Housing type	Mounting on standard rails according to EN 50 022 width 100 mm, height 75 mm, depth 53 mm
LED operating status	1x power LED (green) 1x overload LED (red) 1x status LED (green) 1x error LED (red) 1x link LED (green)

Dimensions

