

# HEAG176 ST 20 LWL-Transmitter

Fiber-optic transmitter for interference-free transmission of square-wave signals

Article number: 11054950

## Overview

- For high interference locations
- Converting standard square-wave signals into fiber-optic signals
- Each channel is coupled onto fiber-optic easy-to-fit plug
- 3 different plug versions available
- Delay time over a 100 m length of fiber-optic is 1  $\mu$ s
- Except of POF all fiber optic cable usable, e. g. PCF 200  $\mu$ m, silica fiber 50 and 62.5  $\mu$ m



## Technical data

### Technical data - electrical ratings

Voltage supply	9...26 VDC
Consumption	$\leq$ 200 mA
Inputs	3 x HTL
Input signals	K1, K2, K3 + inverted
Outputs	3 x fiber-optic
Output signals	Fiber-optic 1, 2 and 3
Transmission frequency	$\leq$ 250 kHz

### Technical data - electrical ratings

Transmission length	$\leq$ 300 m
Approval	CE

### Technical data - mechanical design

Dimensions W x H x L	50 x 75 x 55 mm
Protection EN 60529	IP 20
Operating temperature	-20...+50 °C (without dew)
Connection	Screw terminal connector 3x connector (VL, ST or SMA)

# HEAG176 ST 20 LWL-Transmitter

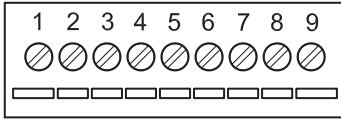
Fiber-optic transmitter for interference-free transmission of square-wave signals

Article number: 11054950

## Terminal assignment

### Terminal assignment

\* HEAG 176 without inverted signals: Link output UB/2 to inverted inputs.



Terminal	Assignment
1	+UB
2	0V (⊥)
3	K1
4	$\overline{K1}$
5	K2
6	$\overline{K2}$
7	K3
8	$\overline{K3}$
9	+UB/2*

### Jumper position

Position	Transmitter power
	LOW
	LOW
	MIDDLE
	HIGH

## Dimensions

