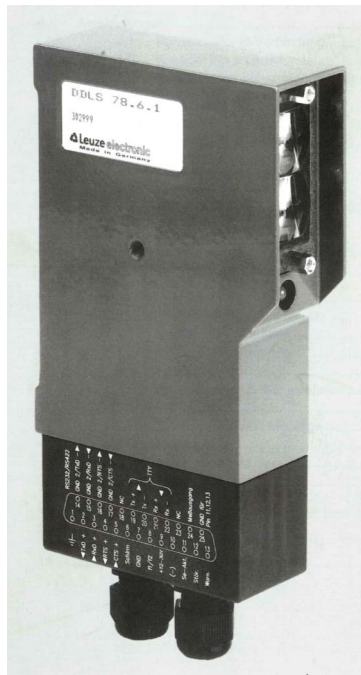


DDLS 78.6 Infrared Data Transmission System



- Legal-for-Trade
- Light barrier for optical data transmission. With GaAs transmitter diode for long service life
- Frequency modulation for increased insensitivity to alien light
- Data connection for data output universal utilization
- Simple alignment of duplex system by factory preassembly
- Red display diode as aligning aid for ease of mounting
- Data plug connection
- Frequency offset for fault-free data duplex transmission

Application

- Infrared data transmission is used on translational moved objects (cranes, stacker cranes, etc.) for wireless serial data transfer.

Construction

- Systems are accommodated in rugged aluminium pressure cast housings with highly quality insensitive glass optical system. All components are vibration protected. A waterproof plug casing ensures required safety of operation. Using two light barriers with different carrier frequencies, the DDLS 78.6 Infrared Data Transmitter System operates in the duplex mode.
- The individual elements, DDLS 78.6 (transmitter/receiver) come factory pre-aligned on a wobbler plate enabling the two light axes to be aligned at the same time. Distance to the next duplex line should be a minimum of 1.5 m.
- Alignment is via built-in LED, indicating adequate signal strength, or laser alignment aid

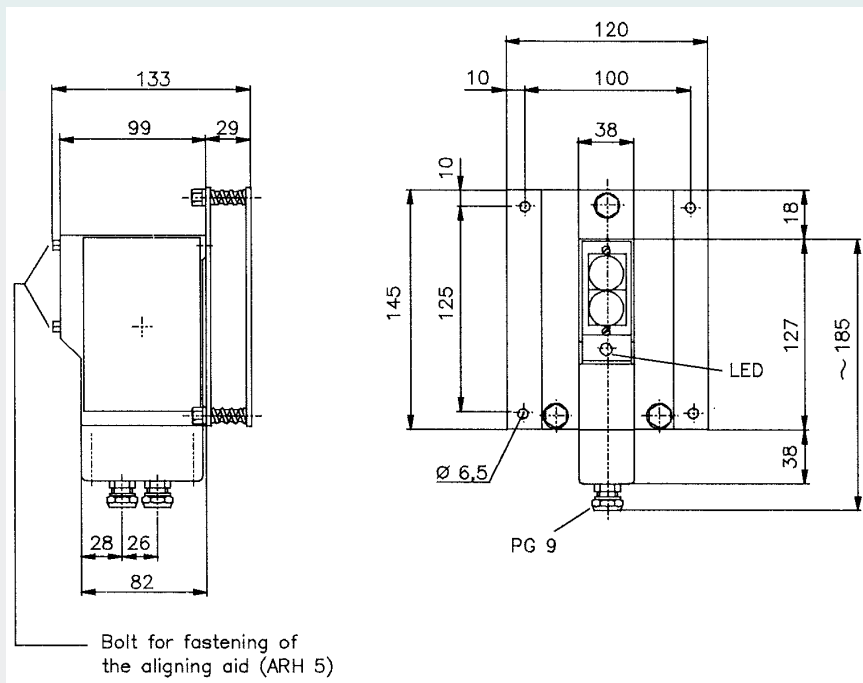
Technical Data:

Range:	0,5 – 200 m
Type of Light:	Infrared alternating light
Transmitter:	GaAs diode (life, approx. 10 years)
Operating Voltage:	12 – 30 V DC filtered
Power consumption:	4 W
Baud rate:	max. 19 200 baud
Data input/output:	RS 232 / 20 mA / CL
Display diode:	red LED – active with free light route
Storage temperature:	-30 °C ... +70 °C
Operating temperature:	-20 °C ... +60 °C
Protection:	IP 65
Housing:	Aluminium pressure casting
Colour:	RAL 3000
Nt. Weight:	DDLS 78.6, approx. 400 g each

Option:

Bracket DDP7 963

Dimensions:



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