



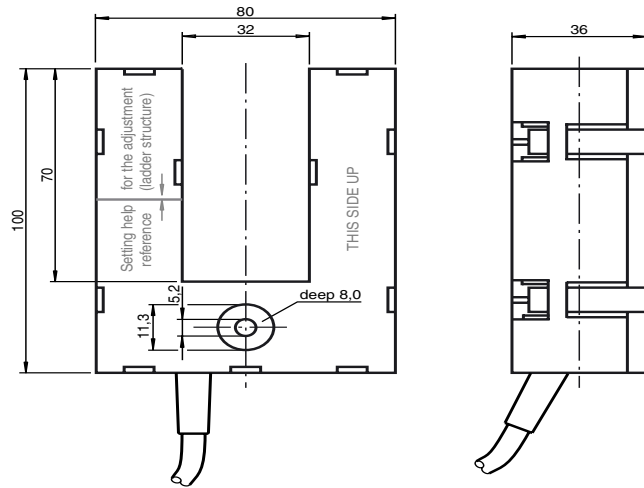
Model Number

OBE32-E8-Y42497

Features

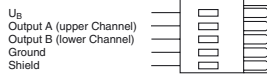
- 2-channel-fork type sensor with quadratur signal outputs
- Customer specific product for OTIS
- Technical data and requirements according to the OTIS product brief from 1997.02.04

Dimensions



Electrical connection

WAGO-Connector 773-105



Technical data

General specifications

Upper limit of the sensing range	32 mm
Reference target	Ladder structure with 5.55 mm slot and 6.45 mm rod
Light type	IR-light 950 nm
Ambient light limit	≥ 100000 Lux sun light > 100 W bulb at a distance of 1 foot; > 40 W fluorescent tube at distance of 1 foot

Electrical specifications

Rated operational voltage	U_e	10 ... 16 V DC , without wrong polarity protection
No-load supply current	I_0	45 ... 65 mA

Output

Output type	2 npn open-collector-transistor outputs	
Rated operational current	I_e	≤ 50 mA
Voltage drop	U_d	0.25 V
Switching frequency	f	833 Hz
Switch-on delay	t_{on}	≤ 0.1 ms

Ambient conditions

Ambient temperature	-10 ... 45 °C (263 ... 318 K)
Storage temperature	-40 ... 80 °C (233 ... 353 K)

Mechanical specifications

Protection degree	IP65 according to EN 60529
Connection	Connector: WAGO 733-105
Material	
Housing	PA 66 (Zytel FR70 M30 V0)
Optical face	PC (Makrolon 6557)
Mass	200 g