

# Spotlight

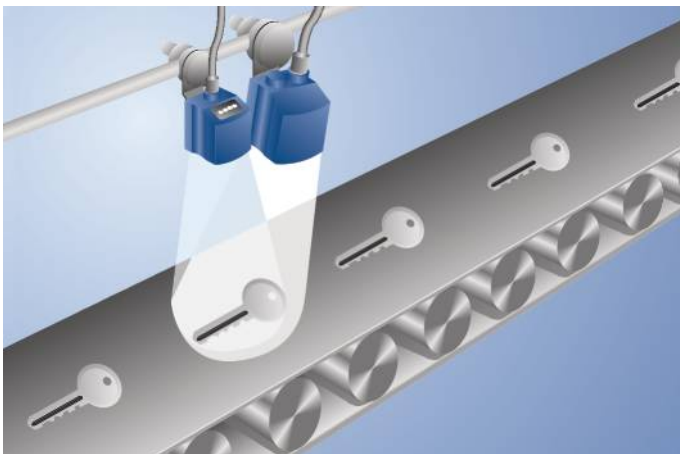
## ZFSU08-01

Part Number



- Compact housing
- Flashlight mode synchronizable with image processing
- High protection class IP67

The wenglor spotlight illuminates the application evenly. It is mounted easily even at cramped space conditions. This illumination is suited to supplement internal illuminations.



### Technical Data

#### Optical Data

Light Source	UV Light
Wave Length	395 nm
Risk Group (EN 62471)	2

#### Electrical Data

Supply Voltage	18...30 V DC
Current Consumption (U <sub>b</sub> = 24 V)	< 200 mA
Temperature Range	0...60 °C
Reverse Polarity Protection	yes
Protection Class	III

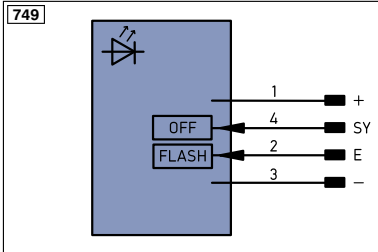
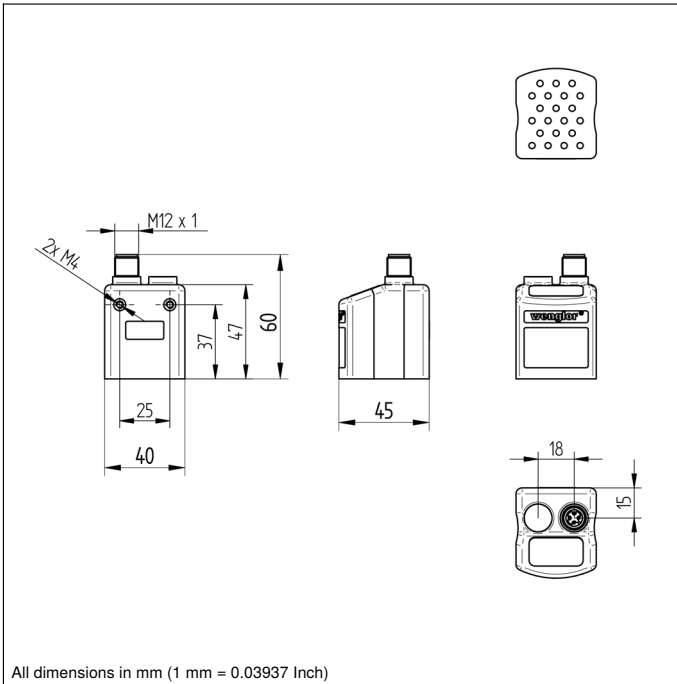
#### Mechanical Data

Housing Material	Plastic
Degree of Protection	IP67
Connection	M12 × 1; 4-pin

Connection Diagram No.	<b>749</b>
Connection Table No.	<b>32</b>
Suitable Connection Technology No.	<b>2</b>
Suitable Mounting Technology No.	<b>360</b>

### Complementary Products

Connection Cable BG2BSW1-08M, ZAV89V901, ZDCG001
Polarization Filter ZNNG005, ZVPB40801
Protective Housing ZSV-0x-01



Legend	
+	Supply Voltage +
-	Supply Voltage 0 V
~	Supply Voltage (AC Voltage)
A	Switching Output (NO)
Ā	Switching Output (NC)
V	Contamination/Error Output (NO)
∇	Contamination/Error Output (NC)
E	Input (analog or digital)
T	Teach Input
Z	Time Delay (activation)
S	Shielding
RxD	Interface Receive Path
TxD	Interface Send Path
RDY	Ready
GND	Ground
CL	Clock
E/A	Output/Input programmable
	<b>IO-Link</b>
PoE	Power over Ethernet
IN	Safety Input
OSSD	Safety Output
Signal	Signal Output
Bl..D +/-	Ethernet Gigabit bidirect. data line (A-D)
EN0..R542Z	Encoder 0-pulse 0-0 (TTL)
PT	Platinum measuring resistor
nc	not connected
U	Test Input
Ū	Test Input inverted
W	Trigger Input
O	Analog Output
O-	Ground for the Analog Output
BZ	Block Discharge
AWV	Valve Output
a	Valve Control Output +
b	Valve Control Output 0 V
SY	Synchronization
E+	Receiver-Line
S+	Emitter-Line
≡	Grounding
SnR	Switching Distance Reduction
Rx +/-	Ethernet Receive Path
Tx +/-	Ethernet Send Path
Bus	Interfaces-Bus A(+)/B(-)
La	Emitted Light disengageable
Mag	Magnet activation
RES	Input confirmation
EDM	Contactorm Monitoring
ENAR542Z	Encoder A/Ā (TTL)
ENBR542Z	Encoder B/B̄ (TTL)
ENa	Encoder A
ENb	Encoder B
AMIN	Digital output MIN
AMAX	Digital output MAX
AOK	Digital output OK
SY In	Synchronization In
SY OUT	Synchronization OUT
OLt	Brightness output
M	Maintenance

Wire Colors according to DIN IEC 757

BK	Black
BN	Brown
RD	Red
OG	Orange
YE	Yellow
GN	Green
BU	Blue
VT	Violet
GY	Grey
WH	White
PK	Pink
GNYE	Green/Yellow

