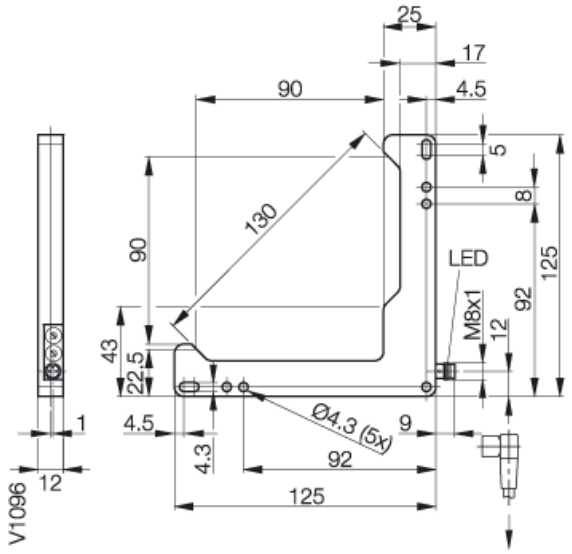
BWL 9090D-R011-S49

Photoelectric Sensors,

Angle Sensors

PNP, NO/NC switchable
distance in x-axis = 90 mm
distance in y-axis = 90 mm

BALLUFF
sensors worldwide



Electrical data:

Load current capacity max. (Ie)	200 mA
Switching output	PNP
Operating frequency (f)	1500 Hz
Current Consumption Io max. (No Load)	35 mA
Supply voltage min.	10 V
Supply voltage max.	30 V
Voltage ripple max.	10%
Voltage drop Ud max. at Ie	3 V

Mechanical data:

Ambient temperature max.	+60 °C
Ambient temperature min.	-10 °C
weight	115 g
Sensing face material	Glass
Housing material	Aluminium anodized
distance in x-axis	90 mm
distance in y-axis	90 mm

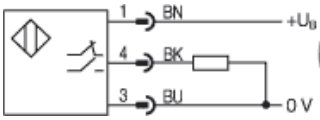
Optical data:

Emitter type	Visible Red
Wavelength of emitted light	640 nm
permissable ambient light	EN 60947-5-2

General data:

Function indication	yes, red LED
Degree of protection IP	IP 67
Insulation class	2
Protected against polarity reversal	yes
Approval	CE
Type	Angular light barrier

wiring



Pinout