

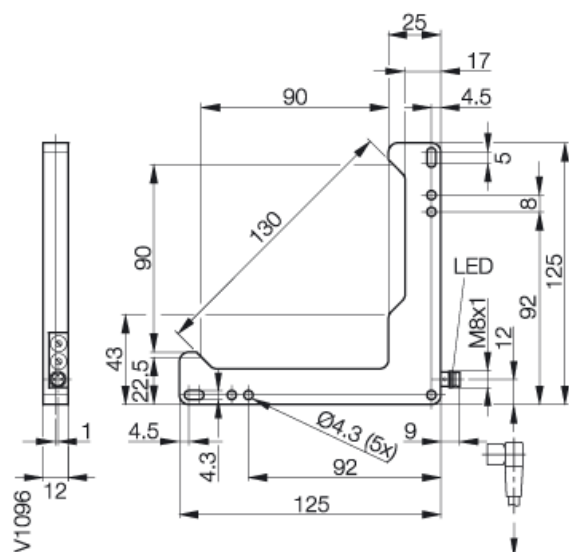
BWL 9090D-L011-S49

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. (I _e)	200 mA
Switching output	PNP
Operating frequency (f)	3000 Hz
Current Consumption I _o max. (No Load)	35 mA
Supply voltage min.	10 V
Supply voltage max.	30 V
Voltage ripple max.	10%
Voltage drop U _d max. at I _e	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	Red Laser
Wavelength of emitted light	650 nm
permissible 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	Laser Angular light barrier

wiring**Pinout****www.balluff.com**

Balluff Europe: +49 7158 173 -0
 Balluff USA: 1-800-54 3-83 90
 Balluff Asia: +86 21-50 64 41 31

Online Productinformation
 2008-01-03