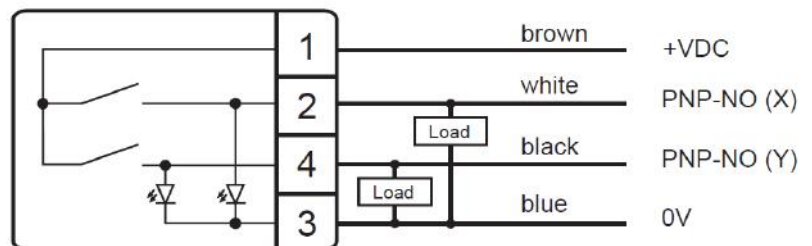


# 1523 Needle sensor NS200



Anschlussbelegung Connection diagram



## Description

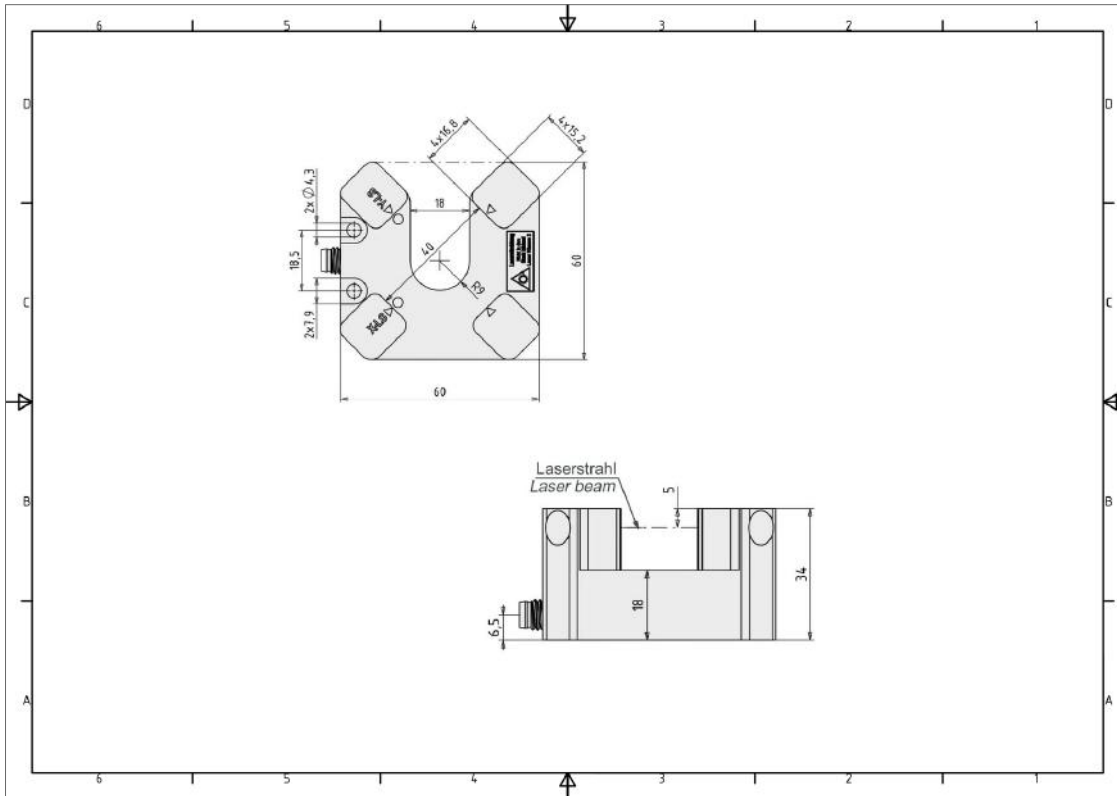
The needle sensor is used for automatic measurement of the dosing needle in X, Y, and Z.

Over 2 laser sensors class 2, dosing needle diameters are detected from 0.4 mm to 5 mm diameter

After measuring the dosing needle, an offset correction in the dosing program is performed via the software DiSoft.

# 1523 Needle sensor NS200

## Dimensional drawing (Dimensions in mm)



Casing material	Aluminium
Laser- sending beam	Redlight, 650 nm, Class 2
Switch frequency	1 kHz
Resolution	0,2 mm
Reproducibility	0,01 mm
Outlet	2xPNP-NO
Optical Feedback	LED Yellow
Potential drop	Max. 2,5 V per outlet with 200 mA
Power consumption	Max. 50 mA
Load current	Max. 200 mA per outlet, short circuit protected
Operating voltage	12...30V DC
Operating temperature	-10...+50°C
IP Degree of protection	IP65
Dimensions	60 x 60 x 34 mm