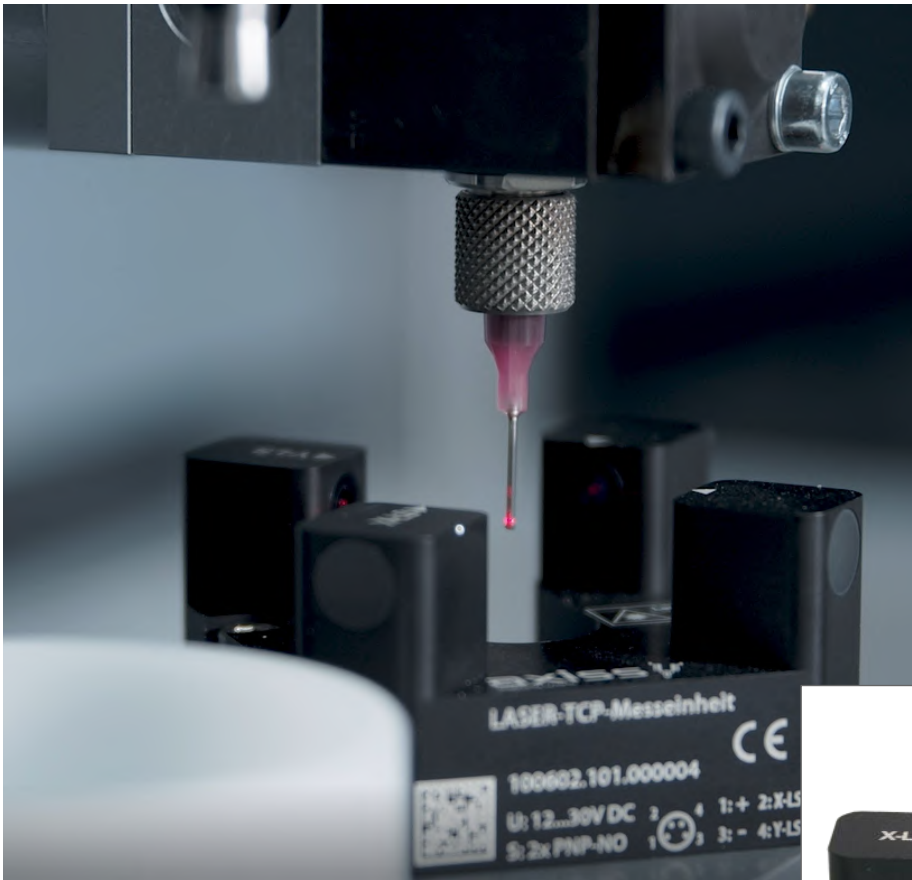
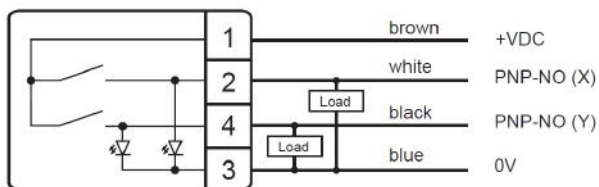


# 1523 Needle sensor NS200



Anschlussbelegung Connection diagram



## Description

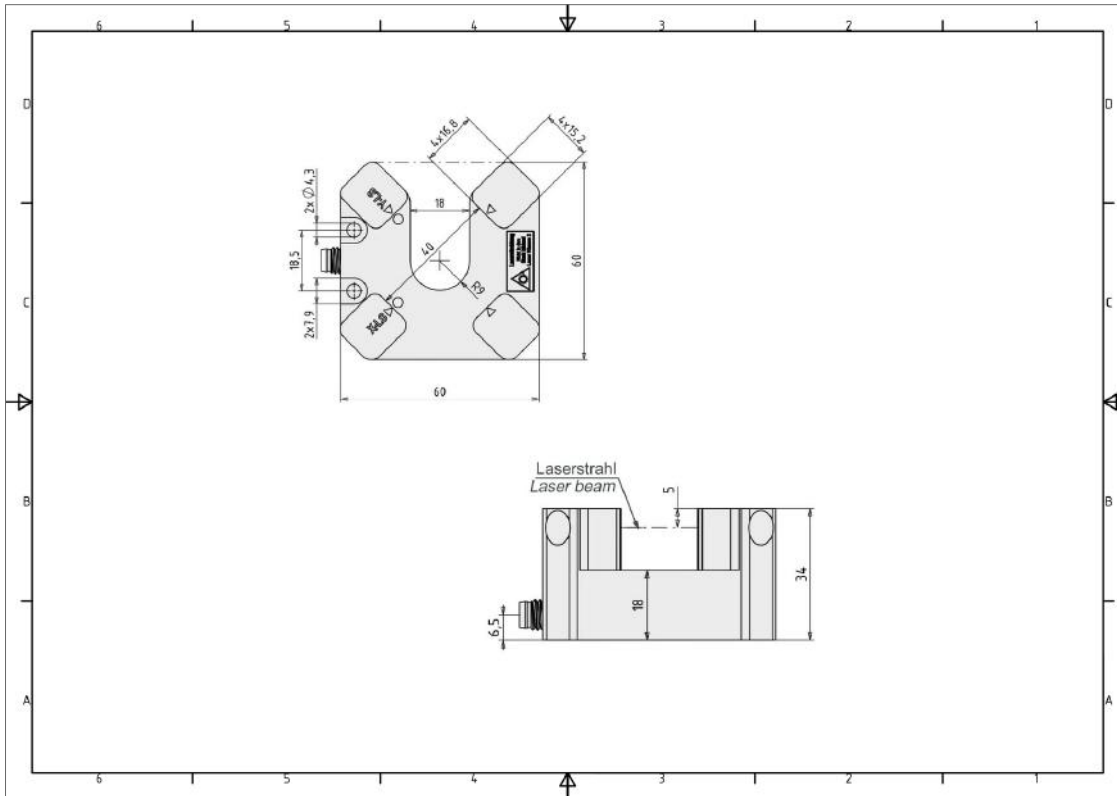
The needle sensor is used for automatic measurement of the dosing needle in X, Y, and Z.

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                                 |