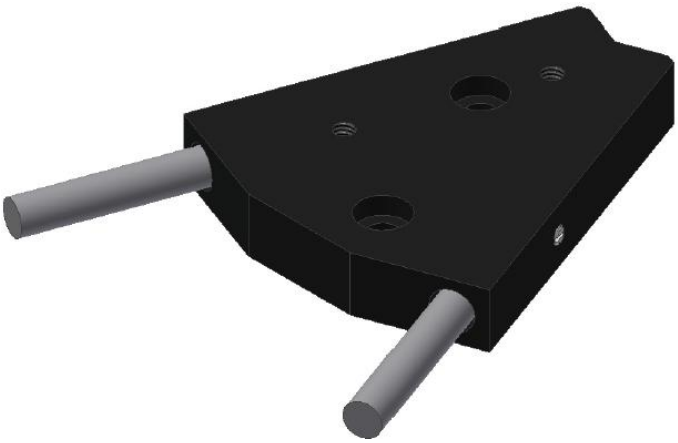
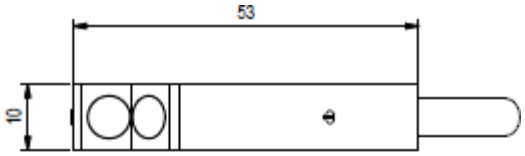
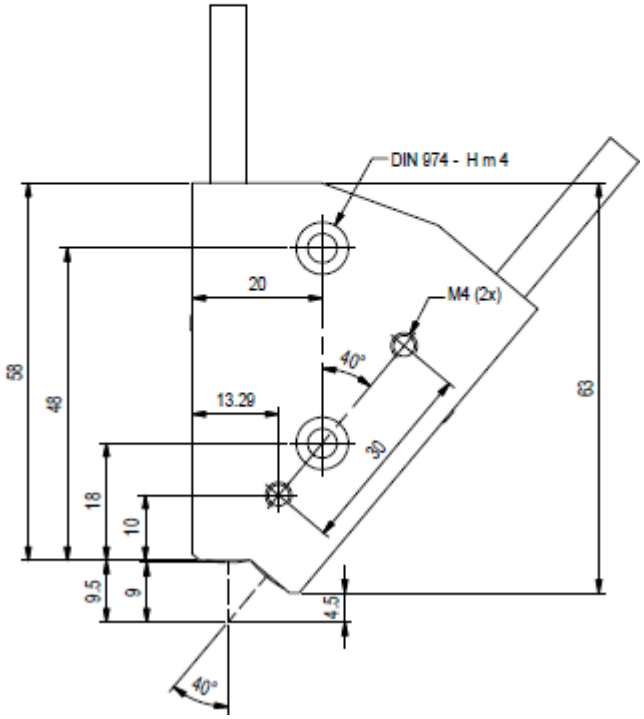
1. Optical frontend type KL-D-0°/40°-9-A2.0

The optical frontend type **KL-D-0°/40°-9-A2.0** will be used in connection with an optical fiber type **D-S-A2.0-(2.5)-…** and a color sensor type **SPECTRO-3-FIO-…** or a contrast sensor type **SPECTRO-1-FIO**. At this, the recommended distance of the frontend to the object is 9mm and the spot size at this distance is approximately 1mm in diameter. For this purpose, the optical path of the transmitter fiber is arranged under 0°, whereas the receiver is arranged 40° to the vertical axis.