

# Information Sheet

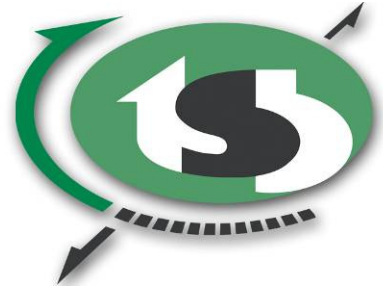


## Magnet M65

- ▶ *For use with MTS displacement sensors*
- ▶ *Inner diameter 65mm*
- ▶ *The solution for hydraulic cylinders with support rod*
- ▶ *Temperature range -40 ... +80 °C*



## Magnet M65



### General

The linear displacement sensors from MTS are based on magnetostrictive measurement technology. These sensors use a magnet to determine its position.

For sensors used in hydraulic cylinders several types of magnets are available. The standard magnet has an inner diameter of 13,5 mm. In case of cylinders longer than 2500mm that are used horizontally, MTS advises to use a support rod with a diameter of 28x4mm to prevent bending of the sensorrod. A separate magnet is available with an inner diameter of 30mm for these purposes.

The magnet M65 can be used in special applications. For example when support rods with larger diameter are necessary or when the sensor is not placed in the middle of the cylinder. With the M65 magnet the freedom of choice for the engineers increase. The magnet has 4 mounting holes.



### Dimensions

#### Magnet M65 (RVS 316L)

Unit: mm

