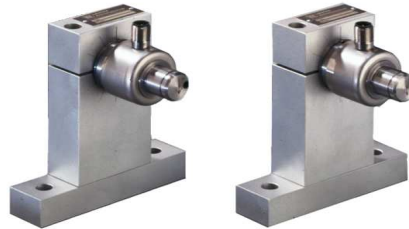




## Traction measuring Traction measuring bearings Traction measuring stations



In pedestal design

In flange design

To measure, regulate and control tractive forces in flexible material webs with different web widths, e.g. plastic foils, metal, paper, textiles etc.

The process engineering requires to measure the web tractions in running webs. The traction measurement has to be made pathless, so that the web lead will not be changed. The electrical output signal serves as traction display and at the same time as regulating factor to the driving system.

Traction measurements have been proved a great success when controlling winders and unwinders (also twin and unroll stations with automatic cutting and laying systems) and when controlling pneumatic brakes which are activated via an EP-converter.

Furthermore traction measurements are used to control driving systems in dry or humid zones, cooling zones etc. so everywhere where web lengths are changed as result of a processing.

### Technical data measuring pivot

measurement range	0-500N
bridge resistance	350Ω
connection via round connector	4 poles / M12x1
accuracy class for pressure or traction	±0,2%
nominal characteristic value	1mV/V
temperature range	-10..+105°C
supply voltage	10VDC
max. load	300% from max. value
ultimate breaking load	>300% from max. value
protection class	IP54
design	bearing fit: d:B = 20x/16 mm