



**Traction measuring  
Traction measuring  
stations  
with integrated measuring  
roller  
two-sided measurement  
independent installation  
position**



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

The process engineering requires to measure the web tractions in running webs. The traction measuring shall 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 approved themselves 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.

**Technical data Type G2.1.20/500**

measurement range	0-500N
bridge resistance	350Ω
connection via round connector	4 poles / M12x1
accuracy class	±0,2%
nominal characteristic value	1mV/V
temperature range	-10..+105°C
supply voltage	10VDC
max. load	300% v.E.
ultimate breaking load	>300% v.E.
protection class	IP54

Designs:	flange design pedestal design
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