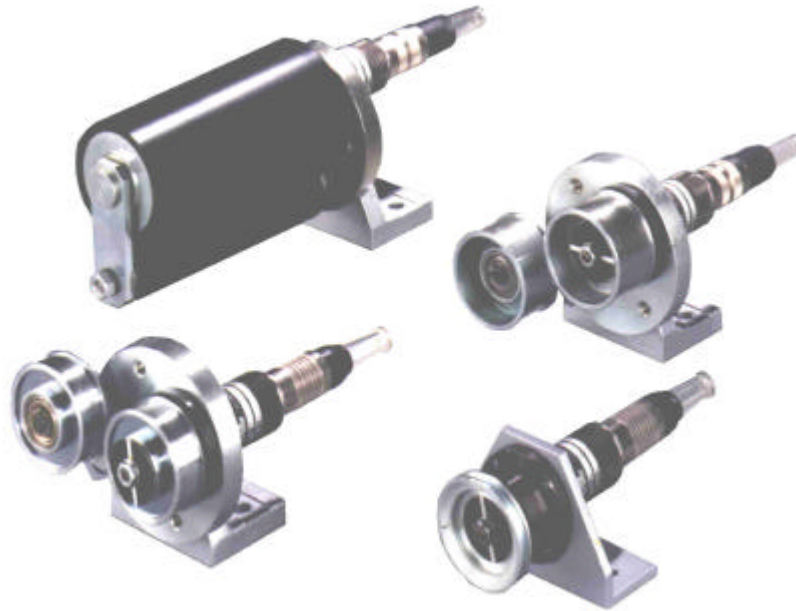




Traction measuring for profiles

Traction measuring in the sensible traction area



The traction measuring works pathless via wire strain gauges. Due to its compact design, the traction sensor can be easily added on. The adjustment is made during the installation.

If there exists no additional guide pulley, the system can be delivered with an integrated guide pulley for fixing the resulting measuring force.

It is used before a winding up or off and everywhere where the tractive force has to be measured in a running web or has to be guided as signal into a closed loop.

Technical data Type KF6 ...

Power sensor Type	nom. measuring force [N]	measurement range	overloadable up to [N]	repeating accuracy	weight with plug [g]	rated voltage [V]	max. voltage [V]	measurement signal at 5V and nominal load ca.[mV]	temperature coefficient $\mu\text{V/K}$	impedance of the DMS-bridge [Ω]	operating temperature [$^{\circ}\text{C}$]
KF6-I	15	1:20	20	+/- 4%	200	5	10	6,0	2	350	0-50
KF6-II	38	1:20	50	+/- 4%	210	5	10	6,0	2	350	0-50
KF6-III	90	1:20	120	+/- 4%	210	5	10	6,0	2	350	0-50
KF6-IV	240	1:20	300	+/- 4%	210	5	10	6,0	2	350	0-50