



Ring Load Cell RDKA

Electronic Control Systems:Sensors:Force Transducer

Product description

Type	RDKA
Description	Sensor to measure static and dynamic compressive forces
Product description	This stainless steel sensor generates an output signal in proportion with the load and permits application in routine industrial operations. Above all, these load cells are able to satisfy the operational demands upon them thanks to their compact design. The measuring amplifier is integrated in an air- and watertight enclosure and forms a single unit with the encapsulated measuring cell enclosure. The use of high-quality electronic components ensures the sensor is protected against temperature fluctuations, moisture and other influences.
Construction type	Compact sensor
Order No.	on request

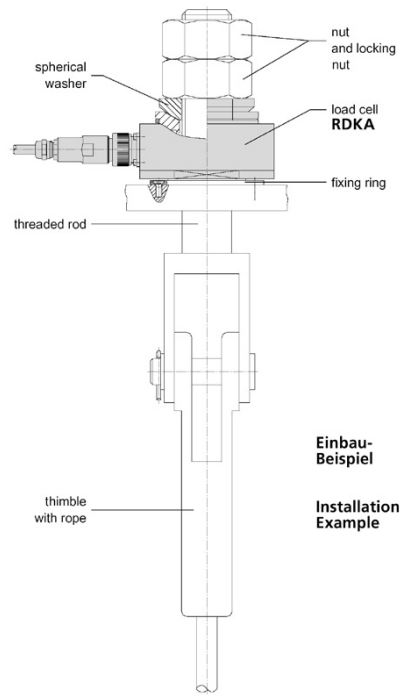
Technical data

Operating voltage	10 ... 36 V DC
Current consumption	30 mA approx.
Measuring range	on request
Signal output	4 ... 20 mA (Standard)
Class accuracy	1
Temperature comp. zero point	$\pm 0,3\%$ / 10°C
Temperature comp. over range	$\pm 0,5\%$ / 10°C
Electrical connection	Plug
Material	rustless steel

Environmental conditions

Operating temperature	-25 ... +75°C
Storage temperature	-30 ... +80°C
Degree of protection (IP)	IP 65
Saltwater-proof	no

Drawing



**Einbau-
Beispiel**

**Installation
Example**