

# SG-XZF-200kN

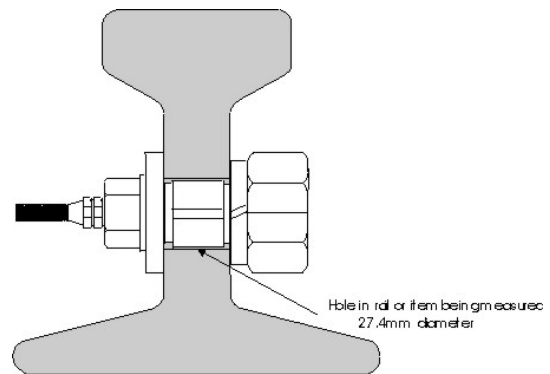
## Railway load cell - measuring eye type

### Features

- Capacity 0-200kN
- Alloy steel construction
- IP67 rating

### Description

The SG-XZF-200KN load cell is designed to be inserted into the web of a rail or into the support structure of a silo, bin or tank etc. As the structure is loaded the centre portion of the load cell is deformed and a mV/V signal generated. This signal is proportional to the load applied and can then be monitored & displayed with suitable instrumentation. The cell is very compact - a mere 79.6mm long and with a sensing portion 27.4mm in diameter. The cell is equipped with a 14 metre long cable. This style of cell is ideal for applications where existing structures cannot undergo major work to place cells under the supports.



### Specifications

Capacity	0-200kN
Nominal output at capacity	2mV/V
Total error	±1% FSO
Creep (30 mins)	±0.1% FSO
Temp effect span/10°C	<0.5% FSO
Temp effect zero/10°C	<0.5% capacity
Operating temp. range	-10°C to +70°C
Safe load	150% of capacity
Mechanical failure	300% of capacity
Recommended excitation	10-12VDC
Maximum excitation	15VDC
Environmental protection	IP67

### Order Code

SG-XZF-200kN Range 0-200kN

LOKL-XZF200-2.0-0

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