

5575

RUNNING LINE TENSIONMETER

- Designed to be directly and easily installed on a running cable in order to measure its tension force.
- Wide range of cables (Ø from 6 up to 50 mm)
- Protection : IP 65 (IP67 option)
- Material : - Load-pin : Stainless steel
- Other - Nickelled alloy steel
- Available with integrated amplification 4-20mA or 1-5 V (option)
- EEx ia IIC T4 / T6 certified version for use in hazardous ATEX area (option)
- Complete range of electronics, load limitation devices and displays CE certified
- Custom made manufacturing

Model 5575



The SENSY 5575 is perfectly designed for the following applications:

- Tension measurement of towage and haulage cable.
- Force measurement of winches
- Load limitation of hoisting devices, cranes and overhead cranes.
(In combination with load limitation devices (CRANEBOY, BRIDGEBOY, ...))

AVAILABLE CAPACITIES: From 1 to 40 tons

TECHNICAL DATA				
		Option C	Option J	Option t
Type	Resistive (mV/V) 4 wires	4-20 mA 2 wires	4-20 mA 3 wires	1-5 V 3 wires
Capacity Maximum loading authorized without deterioration	From 1 to 40 tons 150 %			
Combined error (linearity/repeatability/hysteresis)	< 5% (based on best straight line fit)			
Nominal temperature range	From - 10° to + 45° C			
Service temperature range	From - 30° to + 70° C			
Storage temperature range	From - 50° to + 85° C			
Excitation supply (VDC)	5...10...12	15 - 28 not regulated	10 - 30 not regulated	10 - 30 not regulated
Impedance of the bridge (strain gauges)	350 Ω ±30 (1000 if Eex T6)	5000 Ω	350 Ω	350 Ω
Load impedance	NA	< 1 kΩ	< 0.3 kΩ	> 10 kΩ
Nominal signal range	0 – 1.5 mV/V	4 - 20 mA	4 - 20 mA	1 - 5 V
Maximum signal	> 2 mV/V	> 24 mA	> 24 mA	> 5.6 V
Normal drift (zero)	%/10°C	< 0.1	< 0.2	< 0.2
Normal drift (span)	%/10°C	< 0.1	< 0.2	< 0.2

RUNNING LINE TENSIOMETER

model 5575-DIA28-32

alloy steel

FOR CABLE $\phi 28$ to 32 mm

Range 20t. Weight : 50 kg IP 67

