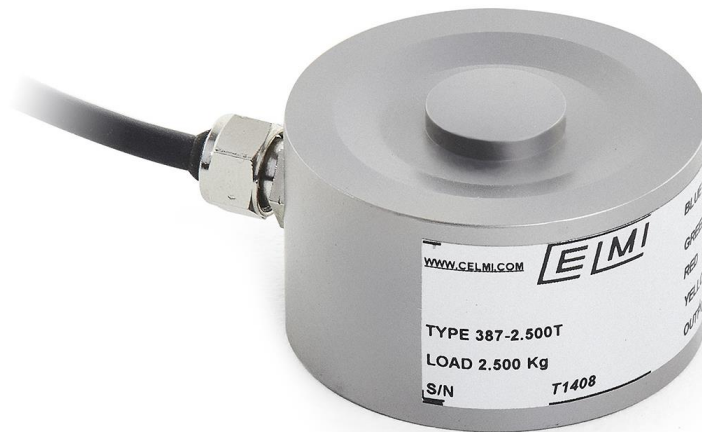


COMPRESSION LOAD CELL TYPE 387



Applications:

The compression load cell Type 387 can be used in small, medium loading capacity weighing systems.

Some applications are:

- Control weighing systems
- Production machine
- Tension Systems
- Control weighing systems on lifting machine, etc
- Test machine

Main features:

- Water proof (IP68)
- Stainless steel
- Atex Certification

Portata nominale:

Kg: 100-200-500-1000-1500-2500-3000

[CELMi s.r.l.](#)

Largo Brugnatelli 13/16
20090 Buccinasco (MI)
Italy

COMPRESSION LOAD CELL TYPE 387

Specification according to VDI/VDE 2637

Metrological Characteristics	Par.	Un.	
Combined Error	Fcomb	±%Ln	0,150
Initial Load	Ln	t	0,1÷3
Minimum Load	Lp	%Ln	20
Maximum Load	Ll	%Ln	130
Linearity	Flin	±%Ln	0,05
Hysteresis	Fu	±%Ln	0,04
Repeatability	Fv	±%Ln	0,03
Creep (in 30')	Fcr	±%Ln	0,05
Nominal Temperature Range	Btn	°C	-10+40
Zero Temperature Drift (10÷40°C, over 10°C)	TKo	±%Cn	0,1
Output Temperature Drift (10÷40°C, per 10°C)	TKC	±%Cn	0,2
Thermal Gradient		K/h	<5

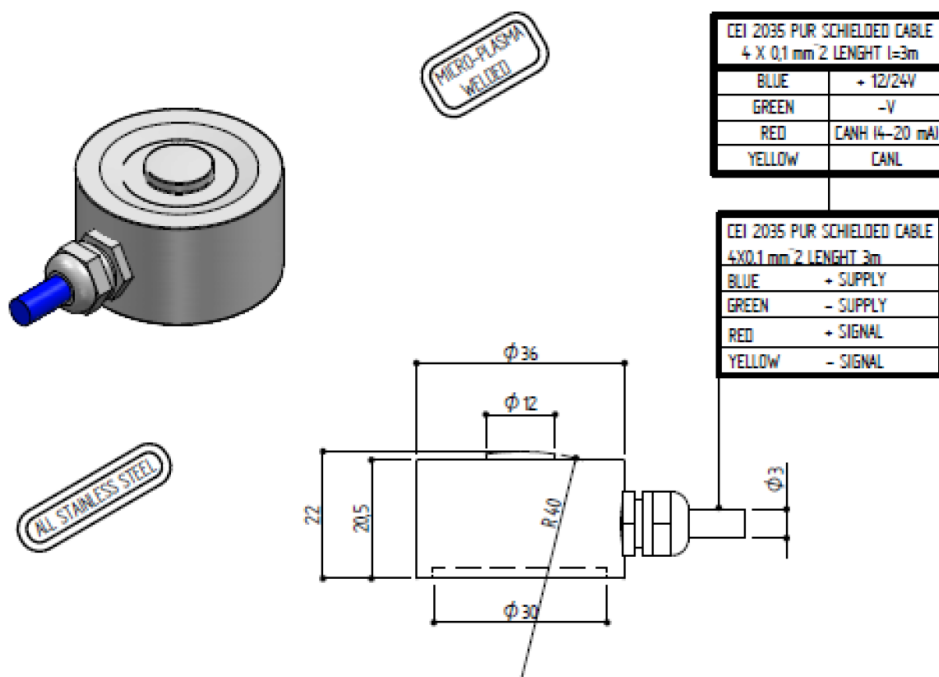
Electrical Data			
Nominal Output	Cn	mV/V	1
Nominal Output Tolerance	Dc	±%Cn	0,5
Nominal Supply Voltage	Bsu	V	1÷10
Maximum Supply Voltage	Usmax	V	12
Input Resistance	Re	Ω	380±10%
Output Resistance	Ra	Ω	350±1%
Insulation Resistance @20V	Ris	MΩ	>2000
Zero balance	Do	±%Cn	1

Mechanical Data			
Breaking Load	Ld	%Ln	>250
Maximum Side Load	Llq	%Ln	20%
Deflection	hn	mm	<0,3
Cable Length		m	3
Weight		Kg	

Environmental Conditions			
Working Temperature Range	Btn	°C	-40+80
Storage Temperature Range	Bts	°C	-40+80
Housing Protection			IP 67

Subject to change without notice

COMPRESSION LOAD CELL TYPE 387



ORDERING INFORMATION

387- X - X

Nominal capacity kg 100-200-500-1000-1500-2500

omit for mV/V (m V/V 출력시는 미기재)

"MA" option 4-20 mV 출력

"CO" option CAN OPEN 출력

mA OUTPUT LOAD CAPACITY VERSUS POWER SUPPLY

