CLT7 Rope Capacitance Sensors for level measurement

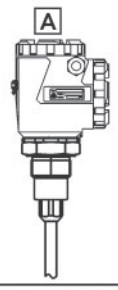
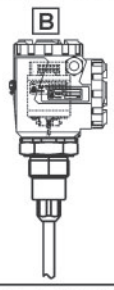
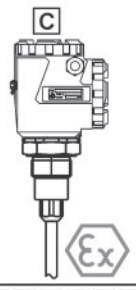
Rope Capacitance sensor, continuous level measurement, general purpose, suited for level measurement in granulate and powders, IP65÷66 protection, upper-part-tank installation.

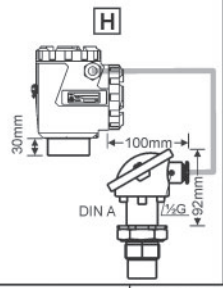
ORDERING INFORMATION (Example) CLT7 B 2 7 D 1 1 D 8 3 A

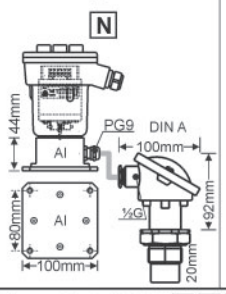
- **Version** — Compact
- **Electronic preamplifier** — TC27, 2 push buttons calibration, 1 RELAY RS485 for SMART calibration, 24Vac
- **Head connection enclosure** — Double cover PBT
- **Process connection** — 1 ½" gas-M carbon-steel
- **Rope electrode-type and insulation + counterweight 40x220mm** — 6mm carbon-steel counterweight in carbon steel
- **L electrode length , price per meter (rope)** — 6mm carbon-steel
- **L1 non sensitive part , material and price per each 100mm** — Standard

VERSION — Code: CLT7

A	B	C	H	N	Z
Without insert preamplifier	Compact electrode + insert	**Ex** certified version With **TC30** insert only	Separate vers. with DIN A allum. electrode head	Separate vers.with Al fixing base	Special

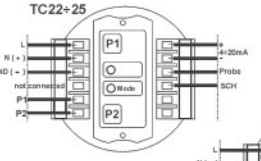




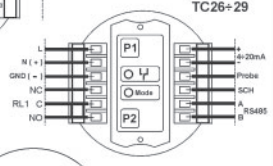


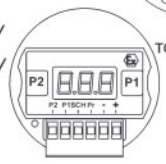


INSERT PREAMPLIFIER — Code: CLT7

- 0 0 Insert = none
- 2 2 Insert = TC22; 24Vdc;4÷20mA
- 2 3 Insert = TC23; 24Vac;4÷20mA
- 2 4 Insert = TC24; 115Vac;4÷20mA
- 2 5 Insert = TC25; 230Vac;4÷20mA
- 2 6 Insert = TC26; 24Vdc;4÷20mA; n.1 SPDT relay
- 2 7 Insert = TC27; 24Vac;4÷20mA; n.1 SPDT relay
- 2 8 Insert = TC28; 115Vac;4÷20mA; n.1 SPDT relay
- 2 9 Insert = TC29; 230Vac;4÷20mA; n.1 SPDT relay
- 3 0 Insert = TC30; 24Vdc;4÷20mA; 2 wires
- 9 9 Special

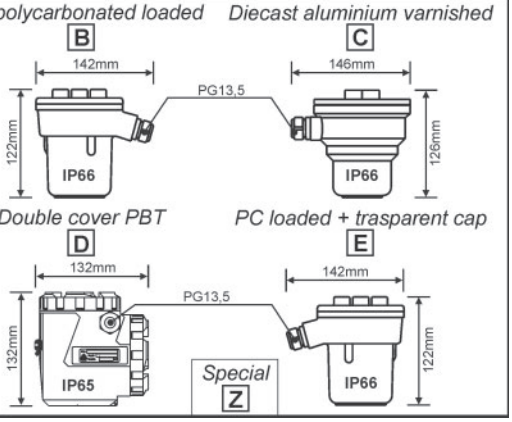






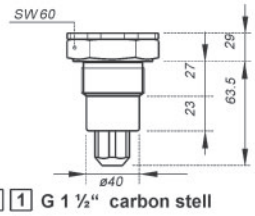
HEAD CON. — Code: CLT7

B	C	D	E
PC polycarbonated loaded	Diecast aluminium varnished	Double cover PBT	PC loaded + trasparent cap



PROCESS CONNECTION — Code: CLT7

THREADED

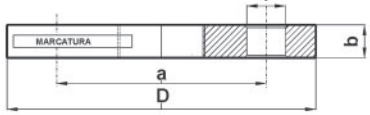


1 1 G 1 ½" carbon stell

FLANGED

4 2 DN40 carbon stell

UNI 6091-67 PN6f



DN	D	b	a	f	Fori
40	130	14	100	14	4

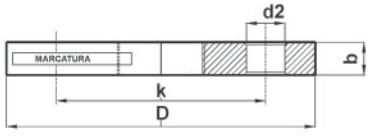
5 0 DN40 AISI304
5 1 DN40 AISI316

UNI 6093-67 PN16

DN	D	b	a	f	Fori
40	150	16	110	18	4

5 2 DN50 AISI316
5 3 DN80 AISI316
5 4 DN100 AISI316

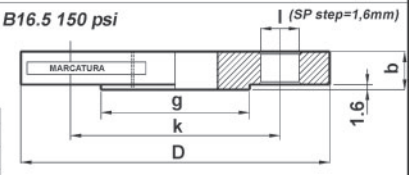
DIN 2527 Form B PN16



DN	D	b	k	d2	Fori
50	165	18	125	18	4
80	200	18	160	18	8
100	220	18	180	18	8

6 0 2" AISI316
6 1 3" AISI316
6 2 4" AISI316

RF ANSI B16.5 150 psi



	D	b	g	k	l	Fori
2"	152.4	19	92.1	120.6	19	4
3"	190.5	23.8	127	152.4	19	4
4"	228.6	23.8	157.2	190.5	19	8

9 9 Special

LEKTRA

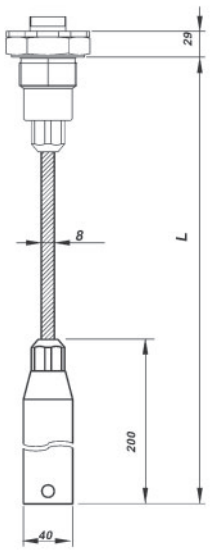
applied solutions for the applications

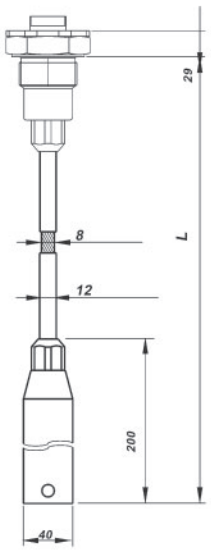
CLT7

ROPE ELECTRODE-TYPE AND INSULATION+COUNTERWEIGTH 40x220mm

Code CLT7 ☐☐☐☐☐☐☐☐☐☐

Max. LOAD
8=2500Kg





[L][7][3] 8mm carbon-steel counterweight in carbon-steel

[M][7][3] 8mm carbon-steel counterweight in AISI 316

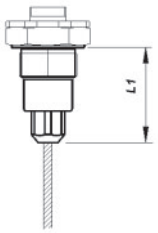
[N][7][4] 8mm carbon-steel PE coated counterweight in carbon-steel

[P][7][4] 8mm carbon-steel PE coated counterweight in AISI 316

[Z][9][9] Special

L1 NON SENSITIVE PART (rod) material and price per each 10cm

Code CLT7 ☐☐☐☐☐☐☐☐☐☐

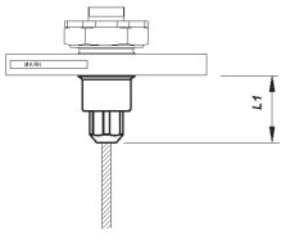


[A] Standard L1=75mm

[B] Carbon-steel L1=____mm

[C] AISI 316 L1=____mm

[Z] Special



SGM LEKTRA s.r.l.
Via Papa Giovanni XXIII, 49
20090 Rodano (Milano)
tel. ++39 0295328257 r.a.
fax ++39 0295328321
e-mail: info@sgm-lektra.com
web: www.sgm-lektra.com

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KEMA CERTIFICATE
ISO 9001:2000

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