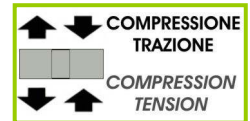
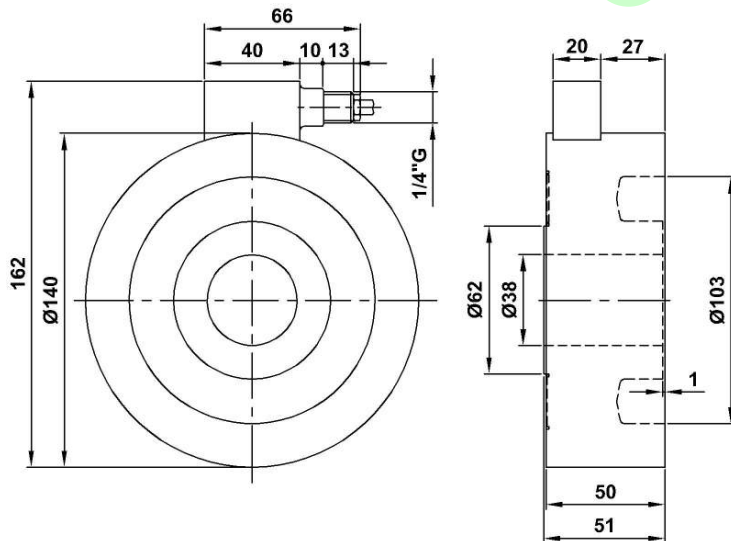


Dimensioni *Dimensions*

[mm]

Uscita standard
2mV/V
Standard outputDownload on www.aep.itOUT
AMP
4-20mA
0.5...10.5VInteramente saldata
al LASER
Completely LASER
weldedSOLLECITAZIONI DINAMICHE
DYNAMIC STRESSESCELLA DI CARICO A BASSO PROFILO
LOW PROFILE LOAD CELLFACILE APPLICAZIONE
EASY APPLICATION

| | | | | | | |
|-------|----------------|----------------|----------------|-----------------|-----------------|-----------------|
| LOAD: | 10 kN | 25 kN | 50 kN | 100 kN | 250 kN | 400 kN |
| CODE: | CC1014010KNI15 | CC1014025KNI15 | CC1014050KNI15 | CC10140100KNI15 | CC10140250KNI15 | CC10140400KNI15 |

Dati Tecnici

Technical Data



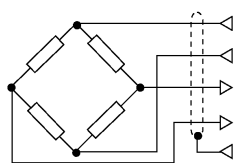
| | | |
|--|---|---|
| CARICO NOMINALE | NOMINAL LOAD | 10 - 25 - 50 - 100 - 250 - 400 kN ⁽¹⁾ |
| LINEARITA' ISTERESI | LINEARITY HYSTERESIS | ≤ ±0.05% F.S. ≤ ±0.10% F.S. |
| EFFETTO DELLA TEMPERATURA (10°C) a) sullo zero b) sulla sensibilità | TEMPERATURE EFFECT (10°C) a) on zero b) on sensitivity | ≤ ±0.028% F.S. ≤ ±0.024% F.S. |
| SENSIBILITA' NOMINALE TOLLERANZA DI CALIBRAZIONE | NOMINAL SENSITIVITY SENSIVITY TOLERANCE | 2mV/V ≤ ±0.1% F.S. |
| RESISTENZA DI INGRESSO RESISTENZA DI USCITA RESISTENZA DI ISOLAMENTO BILANCIAMENTO DI ZERO | INPUT RESISTANCE OUTPUT RESISTANCE INSULATION RESISTANCE ZERO BALANCE | 800 ± 20Ω 705 ± 2Ω > 5 GΩ ≤ ±0.5 % F.S. |
| ALIMENTAZIONE DI RIFERIMENTO ALIMENTAZIONE NOMINALE ALIMENTAZIONE MAX. | RECOMENDED SUPPLY VOLTAGE NOMINAL SUPPLY VOLTAGE MAXIMUM SUPPLY VOLTAGE | 10 V 1-15 V 18 V |
| VALORI MECCANICI LIMITE: a) carico di servizio b) carico limite c) carico di rottura d) massimo carico trasversale e) carico dinamico limite FRECCIA MAX. AL CARICO NOMINALE | MECHANICAL LIMIT VALUES: a) service load b) max permissible load c) breaking load d) max transverse load e) max permissible dynamic load DISPLACEMENT AT NOMINAL LOAD | 120% 150% >300% 100% 75% ~ 0.17 mm |
| TEMPERATURA DI RIFERIMENTO CAMPO NOMINALE DI TEMPERATURA TEMPERATURA DI ESERCIZIO TEMPERATURA DI STOCCAGGIO | REFERENCE TEMPERATURE TEMPERATURE NOMINAL RANGE SERVICE TEMPERATURE RANGE STORAGE TEMPERATURE RANGE | +23°C -10 / +40 °C -10 / +70 °C -20 / +80 °C |
| PESO CLASSE DI PROTEZIONE (EN 60529) MATERIALE DINAMOMETRO LUNGHEZZA CAVO | WEIGHT PROTECTION CLASS (EN 60529) EXECUTION MATERIAL CABLE LENGTH | ~ 4.1 kg IP67 Acciaio Inox / Stainless Steel 5 m |

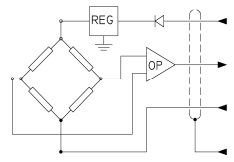
⁽¹⁾ A richiesta calibrazioni in kg / kg calibration on request.

OPZIONI *OPTIONALS*

| USCITA AMPLIFICATA | AMPLIFIED OUTPUT | 4-20mA (3 wires) | 0.5 - 5.5 Volt | 0.5 - 10.5 Volt |
|--|---|------------------------------------|---|------------------------|
| TOLLERANZA DI CALIBRAZIONE BILANCIAMENTO DI ZERO | <i>SENSIVITY TOLERANCE ZERO BALANCE</i> | | $\leq \pm 0.1\%$ F.S. $\leq \pm 1.0\%$ F.S. | |
| ALIMENTAZIONE NOMINALE ASSORBIMENTO MAX.: RESISTENZA DI CARICO: a) tensione b) corrente FREQUENZA DI RISPOSTA | NOMINAL POWER SUPPLY MAX. ABSORPTION: LOADING RESISTANCE: a) tension b) current RESPONSE FREQUENCY | 12-24Vdc | 30mA min. 3K Ω from 0 to 470 Ω from 0.5 to 5 kHz | 15-24 Vdc |
| CONNESSIONE CLASSE DI PROTEZIONE (EN 60529) | CONNECTION <i>PROTECTION CLASS (EN 60529)</i> | MIL 6 Poles Male connector IP65 | | |

Collegamenti Elettrici *Electrical Connections*

| OUTPUT 2mV/V | Dynamometer | OUTPUT | CABLE | CAVO | MIL6M (optional) | M12 (optional) |
|---|---|---|--|--|--|--|
| Cavo schermato PVC 105°C, Ø 5.25mm a 4 conduttori Ø 0.35mm ² stagnati. <i>PVC 105°C shielded cable, Ø 5.25mm with 4 tinned Ø 0.35mm² conductors.</i> |  | EXCITATION + EXCITATION - OUTPUT + OUTPUT - ----- | <i>Red</i> <i>Black</i> <i>White</i> <i>Yellow</i> <i>Shield</i> | Rosso Nero Bianco Giallo Schermo* | A B D C F | 1 3 2 4 5 |

| AMPLIFIED OUTPUT | Dynamometer | OUTPUT | CABLE | CAVO | MIL6M (optional) | M12 (optional) |
|---|---|--|--|--|--|--|
| Cavo schermato PVC 105°C, Ø 5.25mm a 4 conduttori Ø 0.35mm ² stagnati. <i>PVC 105°C shielded cable, Ø 5.25mm with 4 tinned Ø 0.35mm² conductors.</i> |  | POWER+ 0 V / Signal - OUTPUT+ Not connected EARTH | <i>Red</i> <i>Black</i> <i>White</i> <i>Yellow</i> <i>Shield</i> | Rosso Nero Bianco Giallo Schermo* | A B D / F | 1 3 4 / 2 |

* Collegato al corpo del dinamometro. / Connected to the dynamometer body

AEP

transducers



Dasa-Rägister
EN ISO 9001:2008
IQ-1100-01



LAT N° 093
Calibration Centre
The products are NOT
covered by accreditation



Production Quality Assurance Certified n°
TÜV 06 ATEX 553793 Q

41126 Cognento (MODENA) Italy Via Bottego 33/A Tel:+39-(0)59-346441 Fax:+39-(0)59-346437 E-mail: aep@aep.it

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In order to improve the technical performances of the product, the company reserves the right to make any change without notice.