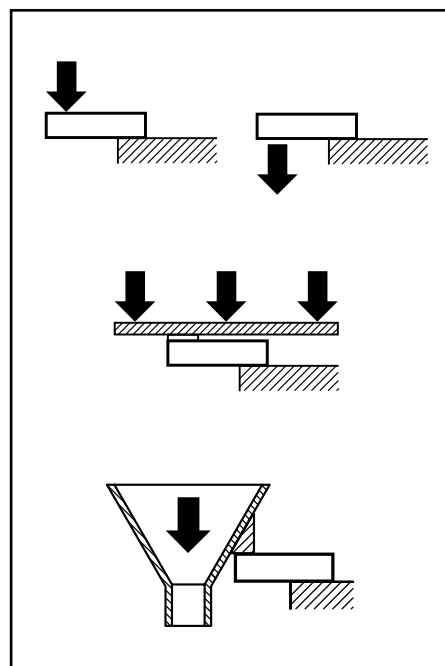
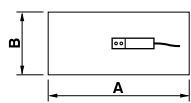




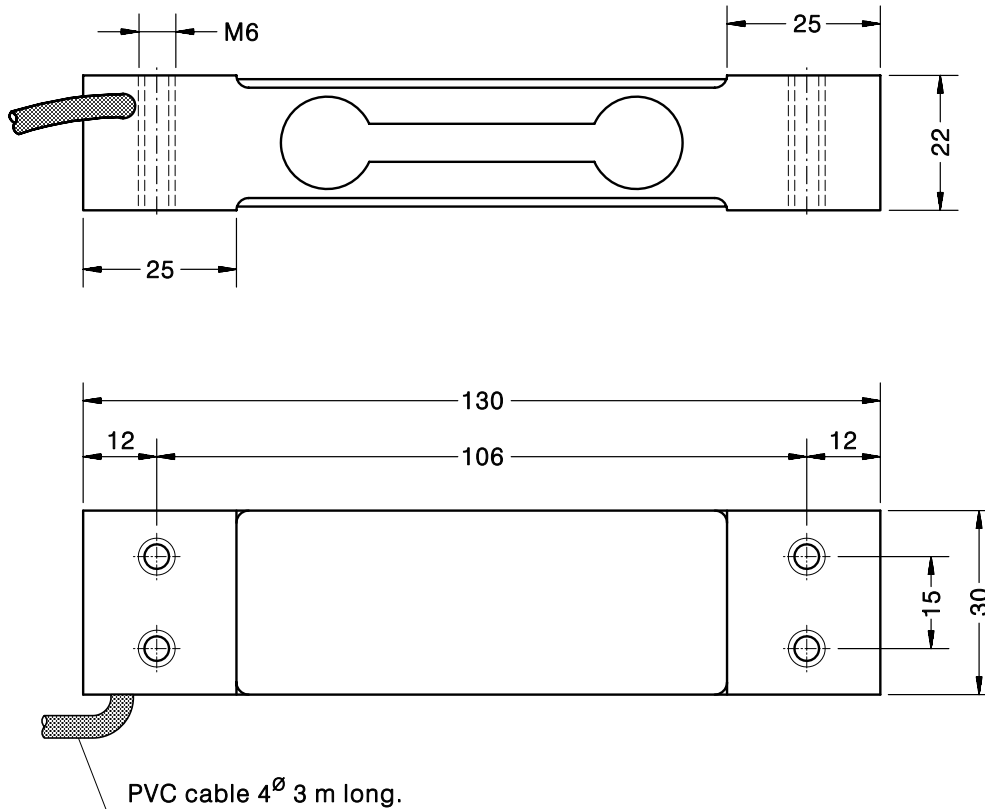
- Célula de carga de flexión
- Soporte elástico de aluminio
- 3000 divisiones OIML R60 clase C
- Protección IP 66 (EN 60529)
- Gran precisión con cargas descentradas
- Aplicaciones:
  - Plataformas monocélula hasta 350 x 350 mm
  - Ensacadoras

- Double bending beam load cell
- Measuring element from aluminium
- 3000 Divisions OIML R60 class C
- Protected IP 66 (EN 60529)
- Single point load cell. High accuracy with Off-center loads
- Applications:
  - direct platforms up to 350 x 350 mm
  - Filling scales

| Modelo<br>Model | Carga nominal<br>Nominal capacity<br>Ln | Clase de precisión<br>Accuracy class<br>n. OIML | División mínima<br>Minimum division<br>vmin | Carga de servicio<br>Service load<br>150 % Ln | Plataforma<br>Platform<br>A x B mm | Precisión<br>Accuracy<br>1/3 Ln |
|-----------------|-----------------------------------------|-------------------------------------------------|---------------------------------------------|-----------------------------------------------|------------------------------------|---------------------------------|
| 102 5 kg        | 5 kg                                    | 3000                                            | 0.7 g                                       | 7.5 kg                                        | 350 x 350                          | 3000 v                          |
| 102 8 kg        | 8 kg                                    | 3000                                            | 1 g                                         | 12 kg                                         | 350 x 350                          | 3000 v                          |
| 102 10 kg       | 10 kg                                   | 3000                                            | 1.3 g                                       | 15 kg                                         | 350 x 350                          | 3000 v                          |
| 102 15 kg       | 15 kg                                   | 3000                                            | 1.9 g                                       | 22.5 kg                                       | 350 x 350                          | 3000 v                          |
| 102 20 kg       | 20 kg                                   | 3000                                            | 2.5 g                                       | 30 kg                                         | 350 x 350                          | 3000 v                          |
| 102 30 kg       | 30 kg                                   | 3000                                            | 3.8 g                                       | 45 kg                                         | 350 x 350                          | 3000 v                          |
| 102 50 kg       | 50 kg                                   | 3000                                            | 6.3 g                                       | 75 kg                                         | 350 x 350                          | 3000 v                          |



# **MODELO 102**

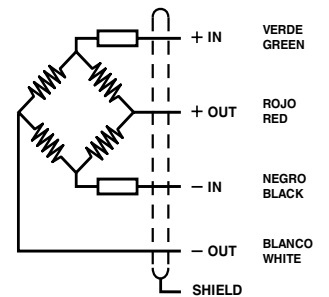


Dimensiones en mm. *Dimensions in mm.*

Peso transporte - *Transport weight:* 0.2 kg

| ESPECIFICACIONES                        |                       |          | SPECIFICATIONS                 |
|-----------------------------------------|-----------------------|----------|--------------------------------|
| Cargas nominales (Ln)                   | 5-8-10-15<br>20-30-50 | kg       | Nominal capacities (Ln)        |
| Clase de precisión                      | 3000                  | n. OIML  | Accuracy class                 |
| Carga mínima                            | 0                     | %Ln      | Minimum dead load              |
| Carga de servicio                       | 150                   | %Ln (1)  | Service load                   |
| Cargas límite                           | 200                   | %Ln (1)  | Safe load limit                |
| Error combinado                         | < ±0.017              | %Sn (2)  | Total error                    |
| Error repetibilidad                     | < ±0.01               | %Sn      | Repeatability error            |
| Efecto de la temperatura:<br>en el cero | < ±0.01               | %Sn/5 °C | Temperature effect:<br>on zero |
| en la sensibilidad                      | < ±0.006              | %Sn/5 °C | on sensitivity                 |
| Error de fluencia (30 minutos)          | < ±0.016              | %Sn      | Creep error (30 minutes)       |
| Compensación de temperatura             | -10...+40             | °C       | Temperature compensation       |
| Límites de temperatura                  | -20...+70             | °C       | Temperature limits             |
| Sensibilidad nominal (Sn)               | 2 ±10%                | mV/V     | Nominal sensitivity (Sn)       |
| Tensión de alimentación nominal         | 10                    | V        | Nominal input voltage          |
| Tensión de alimentación máxima          | 15                    | V        | Maximum input voltage          |
| Resistencia de entrada                  | 400 ±20               | Ω        | Input impedance                |
| Resistencia de salida                   | 350 ±3                | Ω        | Output impedance               |
| Desequilibrio inicial                   | < ±2                  | %Sn      | No load output                 |
| Resistencia de aislamiento              | > 5000                | MΩ       | Insulation resistance          |
| Deformación máxima (a Ln)               | 0.3-0.5               | mm       | Maximum deflection (at Ln)     |

## **CONEXIÓN ELÉCTRICA** **ELECTRICAL CONNECTION:**



- (1) En carga centrada sobre la célula. No para cargas excéntricas  
Only central loads on the load cell. Not for off-center loads
- (2) Error combinado: No Linealidad e Histéresis / Total error: Non Linearity and Hysteresis