

# FMX-3

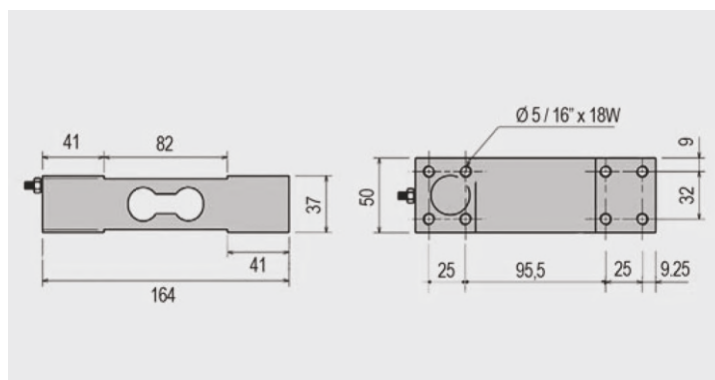
**BSL**

## SINGLE POINT TYPE LOAD CELL - CELDA DE CARGA TIPO MONOCELDA

MATERIALS: Aluminum - MATERIAL: Aluminio



| Datos técnicos grales .     | Main technical data                  | Unit                                                | Technical quota |
|-----------------------------|--------------------------------------|-----------------------------------------------------|-----------------|
| Sensibilidad                | Sensitivity                          | m V/V                                               | 2 ±0.01         |
| Alinealidad                 | Nonlinearity                         | % FS                                                | ± 0.03          |
| Histeresis                  | Hysteresis                           | % FS                                                | ± 0.01          |
| Repetibilidad               | Repeatability                        | % FS                                                | ± 0.01          |
| Creep                       | Creep                                | % FS/30min                                          | ± 0.03          |
| Balance de cero             | Zero balance                         | % FS                                                | ± 1             |
| Coefficiente temp. en cero  | Zero temperature coefficient         | % FS / 10°C                                         | ± 0.02          |
| Coefficiente temp. en carga | Rated output temperature coefficient | % FS / 10°C                                         | ± 0.02          |
| Resistencia de entrada      | Input resistance                     | Ω                                                   | 400 ± 15        |
| Resistencia de salida       | Output resistance                    | Ω                                                   | 350 ± 5         |
| Resistencia de aislación    | Insulation resistance                | M Ω                                                 | ≥ 5000          |
| Tensión excitación          | Supply Voltage                       | V                                                   | 10 (DC / AC)    |
| Rango compensado de temp.   | Temperature compensation range       | °C                                                  | -10~+50         |
| Temperatura límite          | Safe temperature range               | °C                                                  | -20~+60         |
| Seguridad de sobrecarga     | Safe overload                        | % FS                                                | 150             |
| Cable de conexión           | Connect cable                        | mm                                                  | Ø5 x 12000      |
| Método de conexión          | Method of connecting wire            | input: Red (+) Black (-) Output Green (+) White (-) |                 |



| Capacidad/Rated Load: |       |        |
|-----------------------|-------|--------|
| 30                    | 50 kg |        |
| 100                   | 200   | 300 kg |
| 600 x 600             |       |        |



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