



Capacity from 60 kg to 300 kg



MOUNTING KITS



T8-AZLI

It can be used for systems with at least 3 load cells connected in parallel

- ALUMINUM ALLOY
- COMBINED ERROR  $\leq \pm 0.02\%$  (0.017% C4; 0.014% C5)
- PROTECTION CLASS IP65

| CAPACITY | kg | ACCURACY CLASS |    |    | IECEx | Ex | EAC | EAC Ex    | PLATFORM DIMENSION (mm) | NET WEIGHT OF LOAD CELL (kg) | CODE |
|----------|----|----------------|----|----|-------|----|-----|-----------|-------------------------|------------------------------|------|
|          |    | C3             | C4 | C5 |       |    |     |           |                         |                              |      |
| 60       |    | •              | •  | •  | •     | •  | •   | 400 x 400 | 0.6                     | AM60                         |      |
| 100      |    | •              | •  | •  | •     | •  | •   | 400 x 400 | 0.6                     | AM100                        |      |
| 150      |    | •              | •  | •  | •     | •  | •   | 400 x 400 | 0.6                     | AM150                        |      |
| 200      |    | •              | •  | •  | •     | •  | •   | 400 x 400 | 0.6                     | AM200                        |      |
| 300      |    | •              | •  | •  | •     | •  | •   | 400 x 400 | 0.6                     | AM300                        |      |

ON REQUEST

### CERTIFICATIONS



OIML R60 C3

CERTIFICATIONS ON REQUEST



ATEX II 1GD (zone 0-1-2-20-21-22)



IECEx (zone 0-1-2-20-21-22)



OIML R60 C4/C5



Complies with the Eurasian Custom Union standards

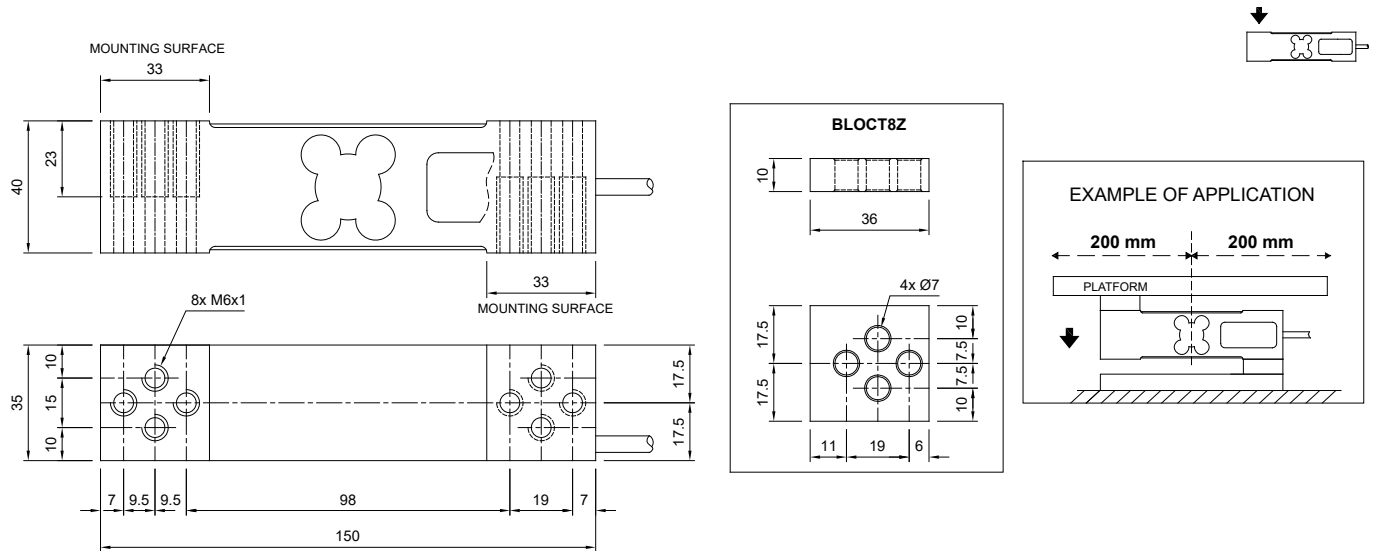


Complies with the Eurasian Custom Union standards for use in potentially explosive atmospheres

### COMPLEMENTARY ACCESSORIES

|  | DESCRIPTION                                | CODE      |
|--|--|-----------|
|  | Stainless steel and rubber waterproof kit. | IP68AMPRE |
|  | Galvanized steel drawn block.              | BLOCT8Z   |

### DIMENSIONS (mm)



### TECHNICAL FEATURES

| Material   | Aluminum alloy                |                                     |               |
|--|-------------------------------|-------------------------------------|---------------|
| OIML R60 Accuracy class • Verification intervals | C3 • 3000                     | C4 • 4000                           | C5 • 5000     |
| Nominal load (E max)                             | 60 - 100 - 150 - 200 - 300 kg |                                     |               |
| Minimum verification interval (V min)            | E max / 10000                 | E max / 15000                       | E max / 20000 |
| Combined error                                   | ≤ ±0.02%                      | ≤ ±0.017%                           | ≤ ±0.014%     |
| Protection class                                 | IP65                          |                                     |               |
| Rated output                                     | 2 mV/V ±10%                   | Input resistance                    | 406 Ω ±6      |
| Temperature effect on zero                       | 0.003% °C                     | Output resistance                   | 350 Ω ±3      |
| Temperature effect on span                       | 0.002% °C                     | Zero balance                        | ≤ ±2%         |
| Compensated temperature range                    | -10 °C / +40 °C               | Insulation resistance               | ≥5000 MΩ      |
| Operating temperature range                      | -35 °C / +65 °C               | Safe overload (% of full scale)     | 150%          |
| Creep at nominal load in 30 minutes              | 0.025%                        | Ultimate overload (% of full scale) | 300%          |
| Max supply voltage without damage                | 18 V                          | Deflection at nominal load          | 0.5 mm        |

### ELECTRICAL CONNECTIONS

|                |                          |
|----------------|--------------------------|
| Cable length   | 3 m                      |
| Cable diameter | 5 mm                     |
| Cores          | 4 x 0.20 mm <sup>2</sup> |

