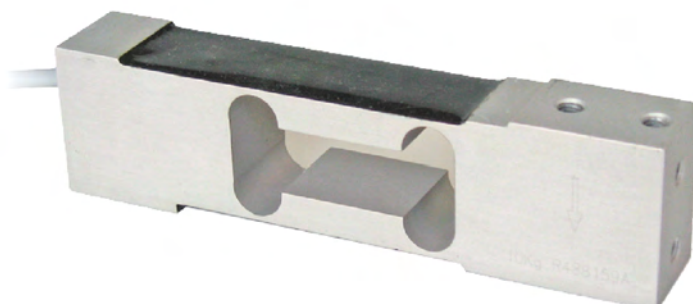
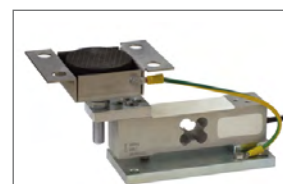




Capacity from 10 kg to 100 kg



MOUNTING KIT



T8AZL

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)
- PROTECTION CLASS IP65

| CAPACITY | kg | ACCURACY CLASS<br>C3 | C4 | IECEx | Ex | EAC | Ex | NET WEIGHT (kg) | CODE   |
|----------|----|----------------------|----|-------|----|-----|----|-----------------|--------|
| 10       |    | •                    | —  | •     | •  | •   | •  | 0.4             | AZL10  |
| 15       |    | •                    | •  | •     | •  | •   | •  | 0.4             | AZL15  |
| 20       |    | •                    | •  | •     | •  | •   | •  | 0.4             | AZL20  |
| 30       |    | •                    | •  | •     | •  | •   | •  | 0.4             | AZL30  |
| 50       |    | •                    | •  | •     | •  | •   | •  | 0.4             | AZL50  |
| 100      |    | •                    | —  | •     | •  | •   | •  | 0.4             | AZL100 |

ON REQUEST

### CERTIFICATIONS



OIML R60 C3



Complies with the Eurasian Custom Union standards

CERTIFICATIONS ON REQUEST



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



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



OIML R60 C4



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



NTEP - compliant to the metrological standards of United States and Canada

### COMPLEMENTARY ACCESSORIES

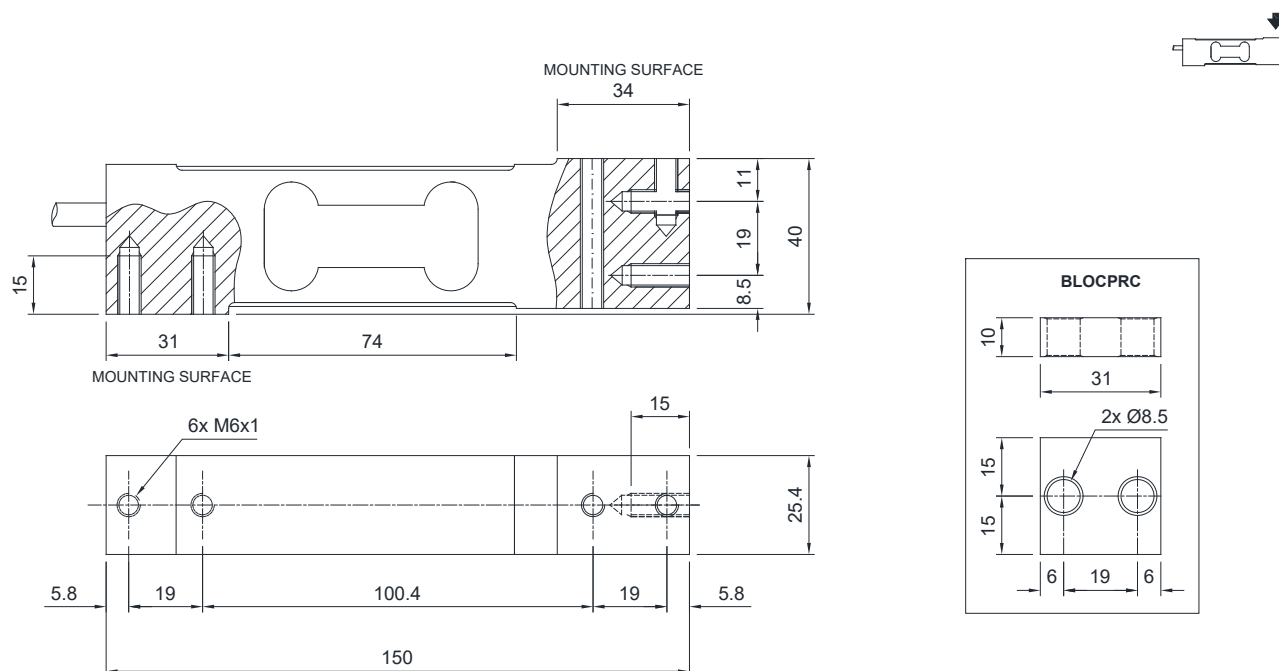
|  | DESCRIPTION                  | CODE    |
|--|------------------------------|---------|
|  | Stainless steel drawn block. | BLOCPRC |

# AZL

## SINGLE-POINT LOAD CELL for platforms 400x400 mm

LAUMAS®

### DIMENSIONS (mm)



### TECHNICAL FEATURES

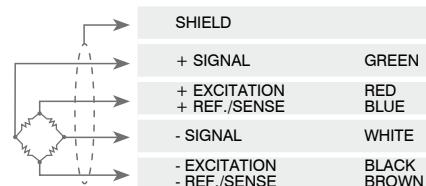
| Material                                         | Aluminum alloy                  |                      |
|--------------------------------------------------|---------------------------------|----------------------|
| OIML R60 Accuracy class • Verification intervals | C3 • 3000                       | C4 • 4000            |
| Nominal load (E max)                             | 10 - 15 - 20 - 30 - 50 - 100 kg | 15 - 20 - 30 - 50 kg |
| Minimum verification interval (V min)            | E max / 12000                   | E max / 15000        |
| Combined error                                   | $\leq \pm 0.02\%$               | $\leq \pm 0.017\%$   |
| Protection class                                 | IP65                            |                      |

|                                     |                                                 |                                     |                             |
|-------------------------------------|-------------------------------------------------|-------------------------------------|-----------------------------|
| Rated output                        | 2 mV/V $\pm 10\%$                               | Input resistance                    | 409 $\Omega \pm 6$          |
| Temperature effect on zero          | 0.0017% $^{\circ}\text{C}$                      | Output resistance                   | 350 $\Omega \pm 3$          |
| Temperature effect on span          | 0.0014% $^{\circ}\text{C}$                      | Zero balance                        | $\leq \pm 1\%$              |
| Compensated temperature range       | -10 $^{\circ}\text{C}$ / +40 $^{\circ}\text{C}$ | Insulation resistance               | $\geq 5000 \text{ M}\Omega$ |
| Operating temperature range         | -35 $^{\circ}\text{C}$ / +65 $^{\circ}\text{C}$ | Safe overload (% of full scale)     | 150%                        |
| Creep at nominal load in 30 minutes | 0.02%                                           | Ultimate overload (% of full scale) | 300%                        |
| Max supply voltage without damage   | 18 V                                            | Deflection at nominal load          | 0.5 mm                      |

### ELECTRICAL CONNECTIONS

|                |                          |
|----------------|--------------------------|
| Cable length   | 6 m                      |
| Cable diameter | 5 mm                     |
| Cores          | 6 x 0.20 mm <sup>2</sup> |



**По вопросам продаж и поддержки обращайтесь:**

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Таджикистан (992)427-82-92-69

**Эл. почта [mfd@nt-rt.ru](mailto:mfd@nt-rt.ru) || Сайт: <https://laumas.nt-rt.ru/>**