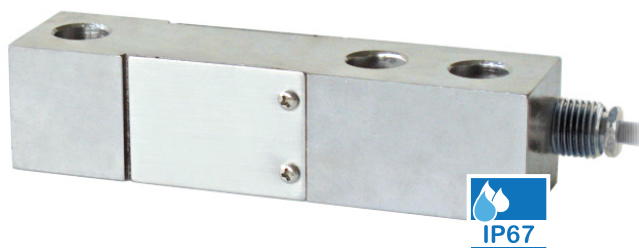




**SHEAR BEAM: capacity from 500 kg to 10000 kg**



**BENDING BEAM: capacity from 75 kg to 300 kg**



- AISI 420 STAINLESS STEEL
- COMBINED ERROR  $\leq \pm 0.02\%$
- PROTECTION CLASS IP67, IP68

| CAPACITY | kg | ACCURACY CLASS | OIML | IECEx | Ex | EAC | NET WEIGHT OF LOAD CELL (kg) | CODE      |
|----------|----|----------------|------|-------|----|-----|------------------------------|-----------|
| 75       |    | C3             |      | •     | •  |     | 0.9                          | SFTP75    |
| 150      |    | C3             |      | •     | •  |     | 0.9                          | SFTP150   |
| 300      |    | C3             |      | •     | •  |     | 0.9                          | SFTP300   |
| 500      |    | C3             |      | •     | •  |     | 0.9                          | SFTP500   |
| 750      |    | C3             |      | •     | •  |     | 0.9                          | SFTP750   |
| 1000     |    | C3             |      | •     | •  |     | 0.9                          | SFTP1000  |
| 1200     |    | C3             |      | •     | •  |     | 0.9                          | SFTP1200  |
| 1500     |    | C3             |      | •     | •  |     | 0.9                          | SFTP1500  |
| 2000     |    | C3             |      | •     | •  |     | 0.9                          | SFTP2000  |
| 3000     |    | —              |      | •     | •  |     | 1.6                          | SFTP3000  |
| 5000     |    | —              |      | •     | •  |     | 1.6                          | SFTP5000  |
| 10000    |    | —              |      | •     | •  |     | 3.8                          | SFTP10000 |

ON REQUEST

### CERTIFICATIONS



OIML R60 C3 (see capacities table)

### CERTIFICATIONS ON REQUEST



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

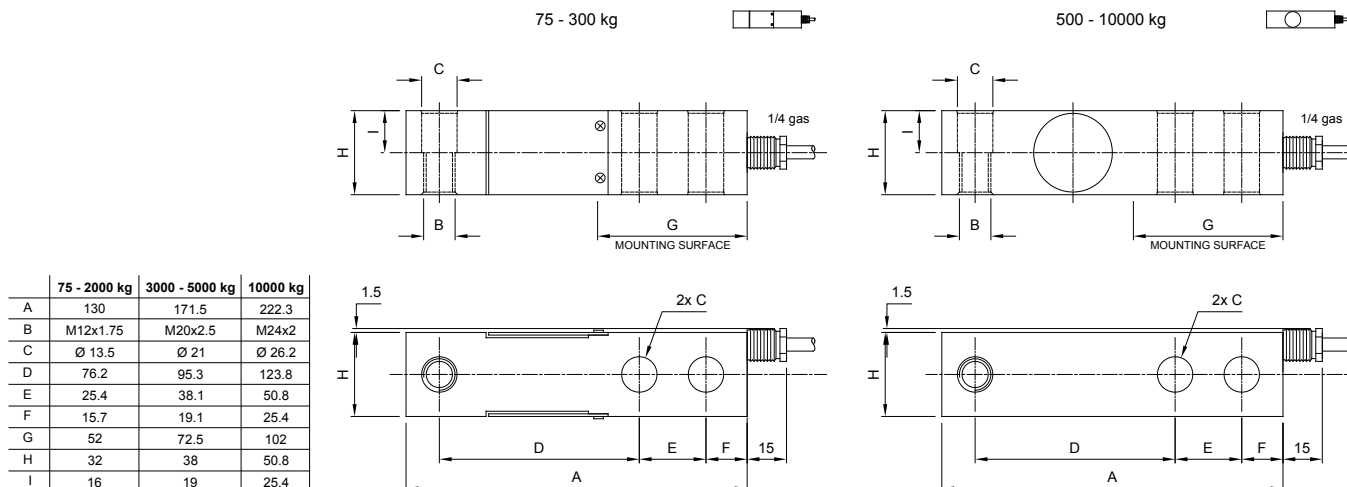


IECEx II 1GD (zone 0-1-2-20-21-22)



Complies with the Eurasian Custom Union regulations (Russia, Belarus, Kazakhstan)

### DIMENSIONS (mm)



### TECHNICAL FEATURES

|                                                  |                                                            |                        |
|--------------------------------------------------|------------------------------------------------------------|------------------------|
| Material                                         | AISI 420 stainless steel                                   |                        |
| OIML R60 Accuracy class • Verification intervals | C3 • 3000                                                  | -                      |
| Nominal load (E max)                             | 75 -150 -300- 500 - 750 kg<br>1000 - 1200 - 1500 - 2000 kg | 3000 - 5000 - 10000 kg |
| Minimum verification interval (V min)            | E max / 15000                                              | -                      |
| Combined error                                   | ≤ ±0.02%                                                   |                        |
| Protection class                                 | IP67 (75 - 300 kg), IP68 (500 - 10000 kg)                  |                        |

|                                     |                 |                                     |           |
|-------------------------------------|-----------------|-------------------------------------|-----------|
| Rated output                        | 2 mV/V ±0.1%    | Input resistance                    | 385 Ω ±10 |
| Temperature effect on zero          | 0.002% °C       | Output resistance                   | 350 Ω ±3  |
| Temperature effect on span          | 0.0012% °C      | Zero balance                        | ±2%       |
| Compensated temperature range       | -10 °C / +40 °C | Insulation resistance               | ≥5000 MΩ  |
| Operating temperature range         | -20 °C / +70 °C | Safe overload (% of full scale)     | 150%      |
| Creep at nominal load in 30 minutes | 0.03%           | Ultimate overload (% of full scale) | 200%      |
| Max supply voltage without damage   | 15 V            | Deflection at nominal load          | 0.4 mm    |

### ELECTRICAL CONNECTIONS

|                |                                       |
|----------------|---------------------------------------|
| Cable lenght   | 5 m (75 - 5000 kg)<br>10 m (10000 kg) |
| Cable diameter | 5 mm                                  |
| Cores          | 4/6 x 0.25 mm²                        |

