# HM24L



- High quality alloy steel, nickel plated, high accuracy, good auto–stability
- Ingress protection (according to EN 60529): IP68
- Suitable for wheel–axle recognition and other compression force measuring devices.
- OIML Test certificate No: TC7968Revision 0
- OIML certificate No: R60/2000–NL1–11.20
- NTEP certificate No: CC07–020A1

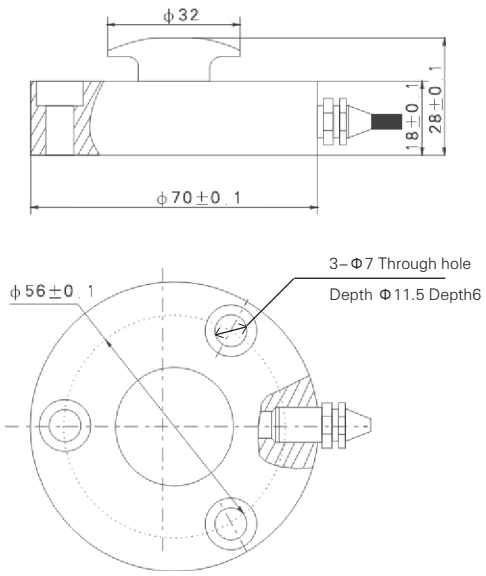
## Available models

| Capacity | Accuracy | Full article description |
|---|---|---|
| 1t–2t | G5 | HM24L–G5–xxt–7T–S1 |
| 3t | G5 | HM24L–G5–3t–7T–S1 |

## Specification

| | | |
|---|---|---|
| Accuracy class | | G5 |
| Output sensitivity ( = FS ) | mV/V | 1.0 ± 0.01 |
| Maximum capacity ( $E_{max}$ ) | t | 1/ 2/ 3 |
| Combined error | %FS | ± 0.5 |
| Minimum dead load | %FS | 0 |
| Safe overload | %FS | 150 |
| Ultimate overload | %FS | 300 |
| Zero output | %FS | ± 1.0 |
| Excitation, recommended voltage | V | 10(DC) |
| Excitation maximum | V | 15(DC) |
| Input resistance | Ω | 350 ± 5 |
| Output resistance | Ω | 350 ± 5 |
| Insulation resistance | MΩ | ⩾ 5000 ( 50VDC ) |
| Compensated temperature | ℃ | –10 ~+40 |
| Operating temperature | ℃ | –35 ~ +65 |
| Element material | | Stainless steel |
| Ingress protection (according to EN 60529) | | IP68 |
| Recommended torque on fixation | N.m | M7:40 |

## Dimensions in mm




## Wiring

