

### X-E102 Displacement Ethercat module

### Feature



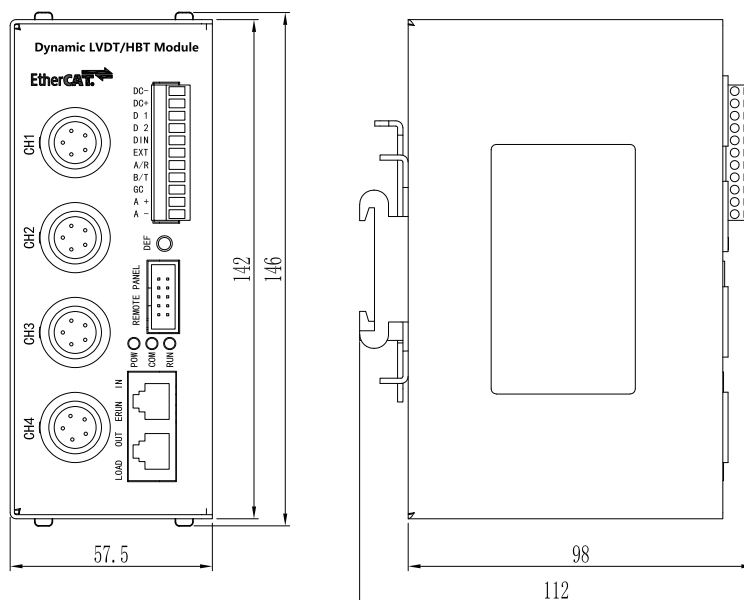
- ★ Built-in multi-stage amplification chip, independent power supply for sensor.
- ★ Multiple sensitivity input, and switchable.
- ★ High speed, high transmission speed, and high dynamic response frequency.
- ★ Good long-term stability, good anti-interference performance.

Dimension and capacity can be customized by request.

### Technical specifications

|                        |                 |                         |  |
|------------------------|-----------------|-------------------------|--|
| Power source           | 5VDC            | Material                | Metal                                    |
| Recommended Excitation | 24VDC           | Rated input             | 0.5–14 mV/V                              |
| Non-linearity          | 0.1%–0.05% F.S. | Resolution              | 1/50000                                  |
| Hysteresis             | 0.1%–0.05% F.S. | Sampling rate           | 10,9.6k,19.2k                            |
| Repeatability          | 0.1%–0.05% F.S. | Operating temp range    | – 10 °C to 50 °C humidity below 85% RH   |
| Zero Balance           | ± 2% F.S.       | Display accuracy        | –199,999–999,999                         |
| Power                  | Around 5 W      | Communication interface | Real time Ethernet EtherCAT, RS232,RS485 |

### Dimensional Drawings (mm)



### Ordering guide

| MDL    | Channel  | Input signal          | Accuracy                 | Power supply | Transmitting out  |
|--------|--|-----------------------|--------------------------|--------------|---|
| X-E102 | T1:1 Channel<br>T2:2 Channel<br>T4:4 Channel<br>T5:5 Channel | W:Displacement signal | B: 0.05%<br>D: 0.1%–0.5% | D: 24VDC     | R2: RS232<br>R4: RS485<br>Y:Real time Ethernet EtherCAT |