

Ordering part No.

| Ordering part No.: <a href="#">Model</a> - <a href="#">Torque capacity</a> - <a href="#">Code</a>                                                                           |                                               |      |              |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------|--------------|---------------|
| Model                                                                                                                                                                       | Torque cap.<br>(Nm)                           | Code | Power supply | Torque output |
| RTSE                                                                                                                                                                        | 5<br>10<br>15<br>20<br>30<br>50<br>100<br>200 | A    | 24V DC       | -3.3-3.3V     |
|                                                                                                                                                                             |                                               | B    |              | 0-1.65-3.3V   |
|                                                                                                                                                                             |                                               | C    |              | -5-5V         |
|                                                                                                                                                                             |                                               | D    |              | 0-2.5-5V      |
|                                                                                                                                                                             |                                               | E    |              | -10-10V       |
|                                                                                                                                                                             |                                               | F    |              | 0-5V-10V      |
|                                                                                                                                                                             |                                               | G    |              | 4-12-20mA     |
|                                                                                                                                                                             |                                               | H    | 12V DC       | -3.3-3.3V     |
|                                                                                                                                                                             |                                               | I    |              | 0-1.65-3.3V   |
|                                                                                                                                                                             |                                               | J    |              | -5-5V         |
|                                                                                                                                                                             |                                               | K    |              | 0-2.5-5V      |
|                                                                                                                                                                             |                                               | L    |              | 4-12-20mA     |
| <div>Example: <a href="#">RTSE-100-C</a> means:</div> <div>Power supply: 24V DC</div> <div>Torque: -100Nm~100Nm VS -5-5V</div> <div>Angle: 2048 pulses per Revolution</div> |                                               |      |              |               |

| Wiring code |                |
|-------------|----------------|
| Red         | Power+         |
| Black       | Power-         |
| Green       | Torque output+ |
| White       | Output-        |
| Yellow      | Angle A        |
| Blue        | Angle B        |

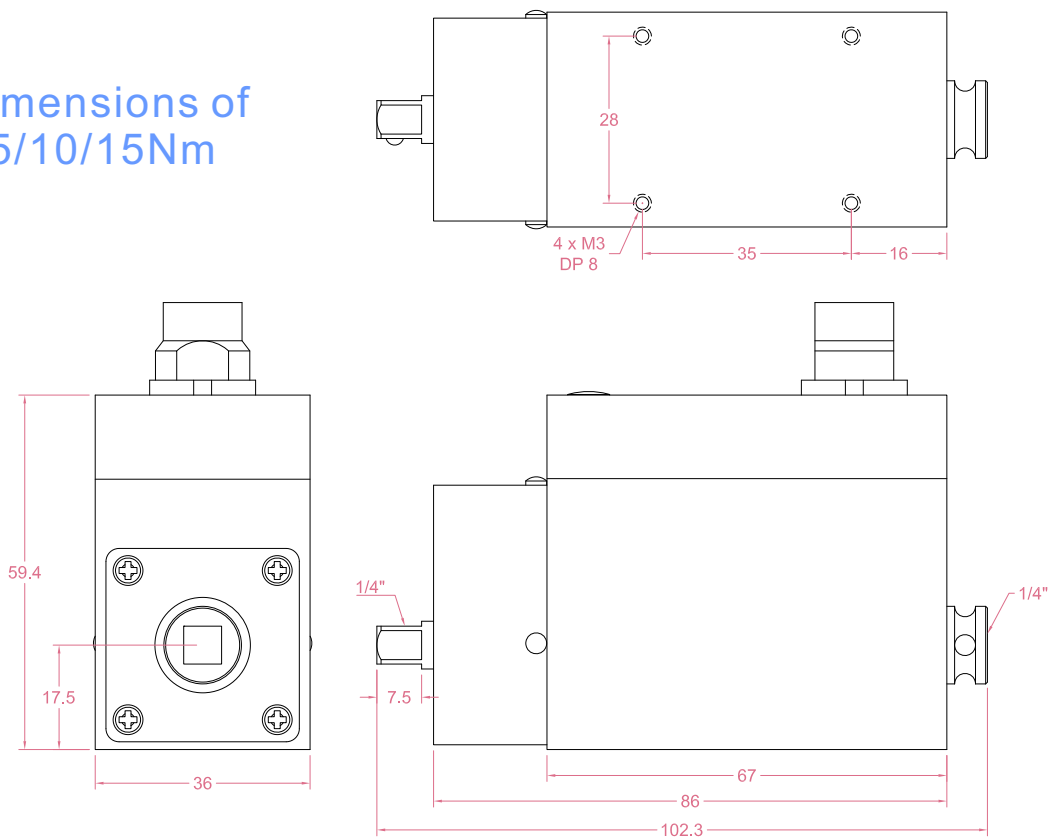


| Specifications       |                                                                |
|----------------------|----------------------------------------------------------------|
| Torque Capacity      | 5/10/15/20/30/50/100/200Nm                                     |
| Maximum Speed        | 6000RPM                                                        |
| Power Supply         | 12 or 24V DC                                                   |
| Angle Output         | 5~15Nm: 1024 pulses per Rev.<br>20~200Nm: 2048 pulses per Rev. |
| Torque Output        | Refer to ordering part No.                                     |
| Sampling Rate        | 200Hz                                                          |
| Nonlinearity         | ±0.2% F.S.                                                     |
| Hysteresis           | ±0.2% F.S.                                                     |
| Nonrepeatability     | ±0.1% F.S.                                                     |
| Creep(5min)          | ±0.1% F.S.                                                     |
| Safe Torque Limit    | 150% F.S.                                                      |
| Breaking Torque      | 200% F.S.                                                      |
| Operating Temp.      | -10...+60°C                                                    |
| Temp. Coeff. of Zero | ±0.02% F.S./°C                                                 |
| Temp. Coeff. of Span | ±0.02% F.S./°C                                                 |
| IP Rating            | IP40                                                           |
| Element Material     | Stainless steel                                                |
| Housing Material     | Aluminum alloy                                                 |
| Cable                | Ø6*5000mm with mating connector                                |

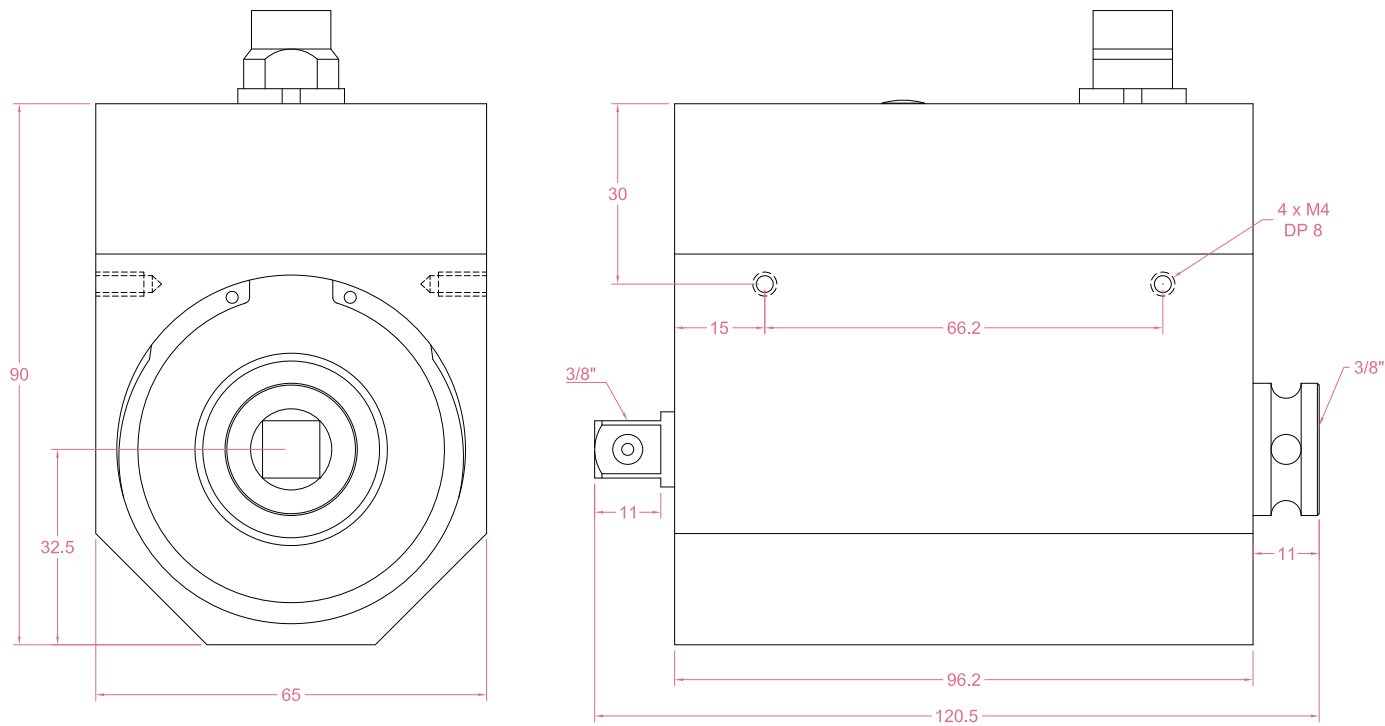
• LCS reserves the right to modify its design and specifications without notice

Dimensions in "mm"

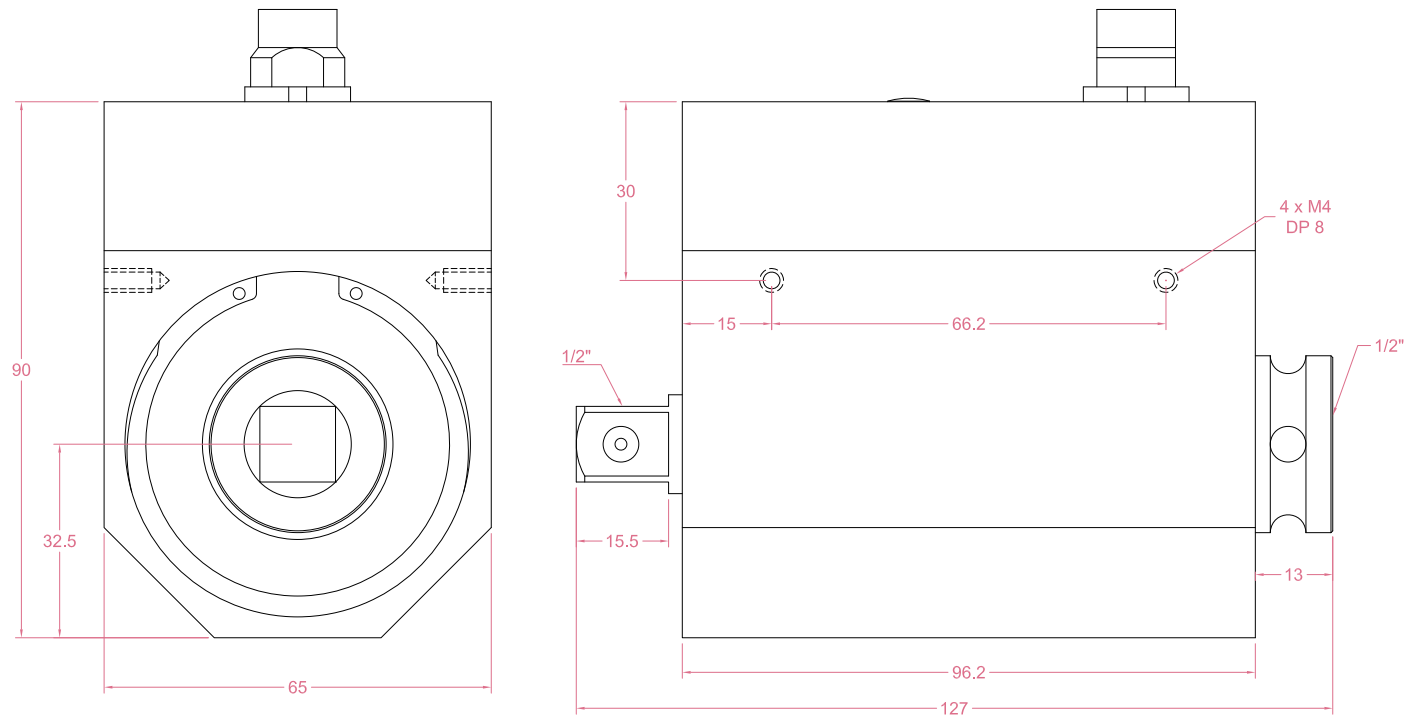
Dimensions of  
5/10/15Nm



Dimensions of 20/30/50Nm



Dimensions of 100/200Nm



Cable Options

