



--- Specifications / 规格参数 ---

|                           |  |
|---------------------------|--|
| Capacity/量程               | 1/2/3/5/10/20/30/50/100 NM                       |
| Rotating speed/转速         | 0-12000RPM                                       |
| Excitation/激励电压           | <b>Refer to ordering code</b>                    |
| Rated Output/额定输出         |  |
| Sampling Rate/推荐采样频率      | <200Hz   |
| Nonlinearity/非线性          | ±0.2% of F.S.                                    |
| Hysteresis/滞后             | ±0.2% of F.S.                                    |
| Nonrepeatability/非重复性     | ±0.2% of F.S.                                    |
| Creep/蠕变(10min)           | ±0.1% of F.S.                                    |
| Safe Overload/安全过载        | 150% of F.S.                                     |
| Ultimate Overload/极限过载    | 200% of F.S.                                     |
| Working Temperature/工作温度  | -10...+60°C                                      |
| Ingress Protection/防护等级   | IP40   |
| Material of Element/弹性体材质 | Stainless steel/不锈钢                              |
| Material of Housing/外壳材质  | Aluminum alloy/铝合金                               |
| Cable/导线                  | Ø6*3000mm with mating connector<br>Ø6*3000mm 屏蔽线 |

P-1/2



3m cable with mating connector  
(Choose one from above two cables)

• Subject to change without notice / 如有更改,不另行通知

## Ordering code

### Torque Measurement Only

Ordering code

FYTH - 50 - A  
 Torque range  
 (NM)

| Code                                | Excitation | Output signal |
|-------------------------------------|------------|---------------|
| A                                   | 24V DC     | -5-5V         |
| B                                   | 24V DC     | -10-10V       |
| C                                   | 24V DC     | 4-12-20mA     |
| D                                   | 12V DC     | -5-5V         |
| E                                   | 12V DC     | 4-12-20mA     |
| Consult us for other configurations |            |               |

### Torque & Speed Measurement

Ordering code

FYTH - 50 - 5000 - A  
 Torque range  
 (NM)  
 Rotating speed  
 (Up to 12000RPM)

| Code                                | Excitation | Torque output | Speed output |
|-------------------------------------|------------|---------------|--------------|
| A                                   | 24V DC     | -5-5V         | 0-5V         |
| B                                   |            | -10-10V       | 0-10V        |
| C                                   |            | 4-12-20mA     | 4-20mA       |
| D                                   | 12V DC     | -5-5V         | 0-5V         |
| E                                   |            | 4-12-20mA     | 4-20mA       |
| Consult us for other configurations |            |               |              |

Order example:

1pc FYTH-100-10000-A

1pc FYTH-8P-3M