

变速箱角度传感器

Transmission Position Sensor

概述

Profile

TMI EP于2006年在美国密歇根州创建，TMI中国公司于2014年在苏州园区成立，公司致力于各类汽车传感器及电磁阀产品的设计、生产与销售。**变速箱角度传感器**通过线控应用换挡，符合ASILD标准要求。此位置传感器安装于汽车变速箱内，将变速箱位置信息传递给汽车电子系统以控制换挡，能够快速高精度测量齿轮速度，使汽车控制单元有效精准控制换挡过程，提高汽车行驶性能。

TMI EP was established in MI, USA 2006, TMI China company was founded in SIP, Suzhou, 2014. TMI EP is focusing on designing, manufacturing and selling automotive sensors and valves. **Transmission position sensor** is Used for shifting by wire applications, and ASILD compliant. Located on the automatic transmission, the sensor communicates the gearshift's position to the vehicle's electrical system to control the shifting. With high-speed and high-accuracy detection for gear speed, it could keep the shifting process under effective and accurate control and improve cars' driving performance.



应用平台

Application Platform

- 商用混动变速箱
Commercial Hybrid Transmission



主要特征

Features

- 厂商零件号 PN: Y5B0116003
- 角度 Angle: 360°
- 对配件类型 Matting Connector Type: AMP 1-967616-1

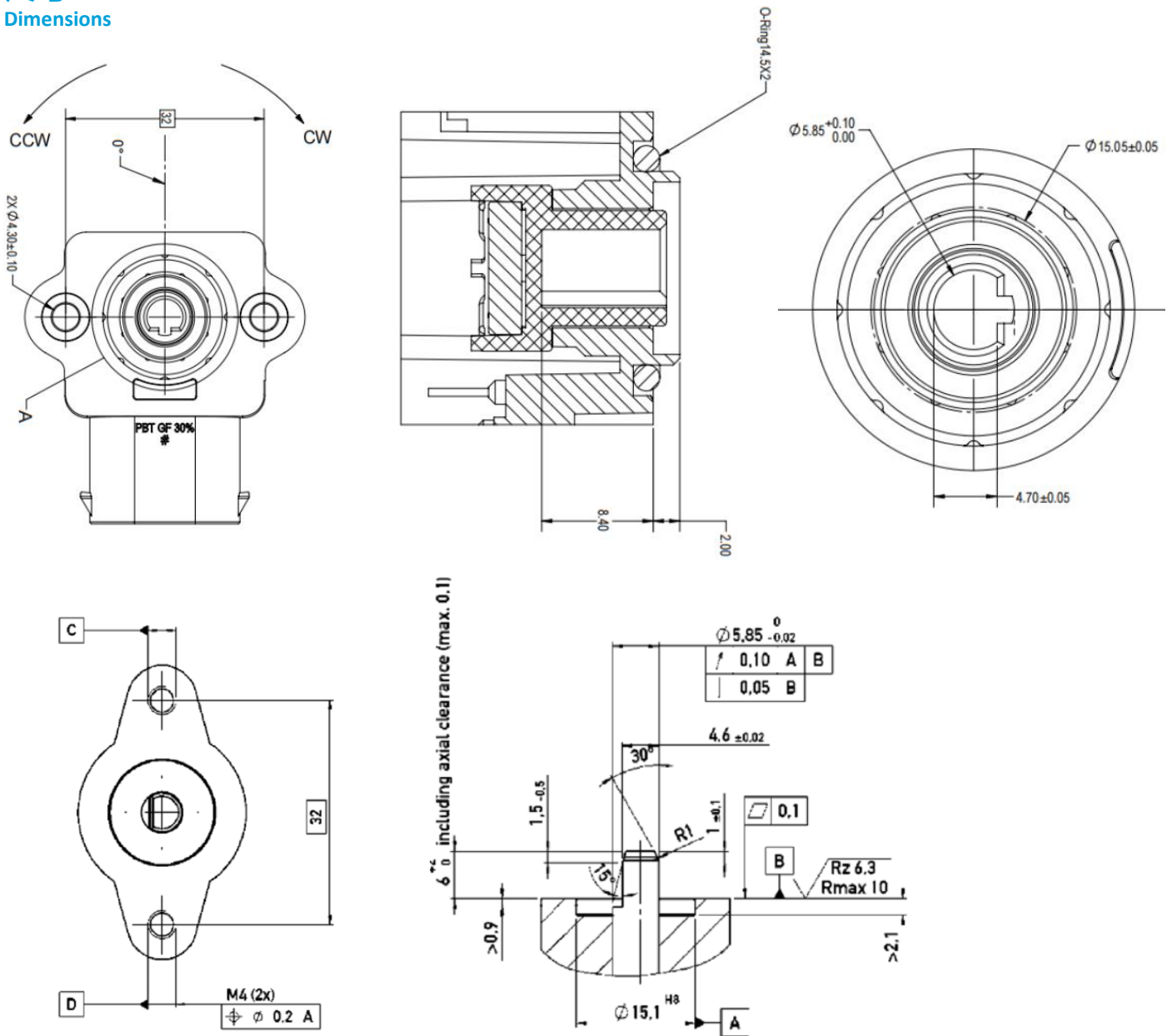
性能参数

Specification

电源电压 Supply Voltage	5V
类比输出 Analog Output	0.30V ~ 4.75V linearly distributed
电压保护 Voltage Protection	26.5V Max
反向电压保护 Reverse Voltage Protection	- 18V Max
输出电流 Output Current	24MA MIN., 29MA TYP., 34MA MAX
工作温度 Operating Temp. Range	-40°C ~ 100°C
储存温度 Storage Temp. Range	-40°C ~ 60°C

尺寸

Dimensions



产品重量: 28.4g
Weight

尺寸单位: mm
Dimensions unit

Electrical Output Function

