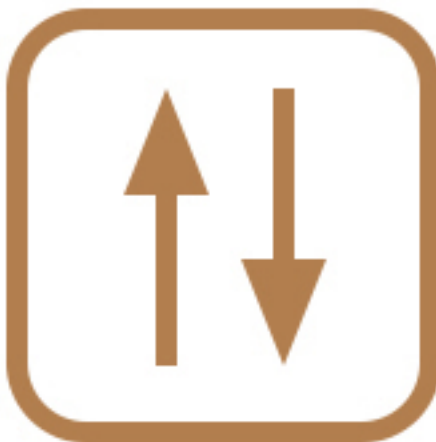


TCF-716A/716B

拉压力传感器
Tension & Compression Force Sensor



- 双面法兰带螺孔，便于安装
- 高度低，形变量小
- 平面加载，拉压力测量



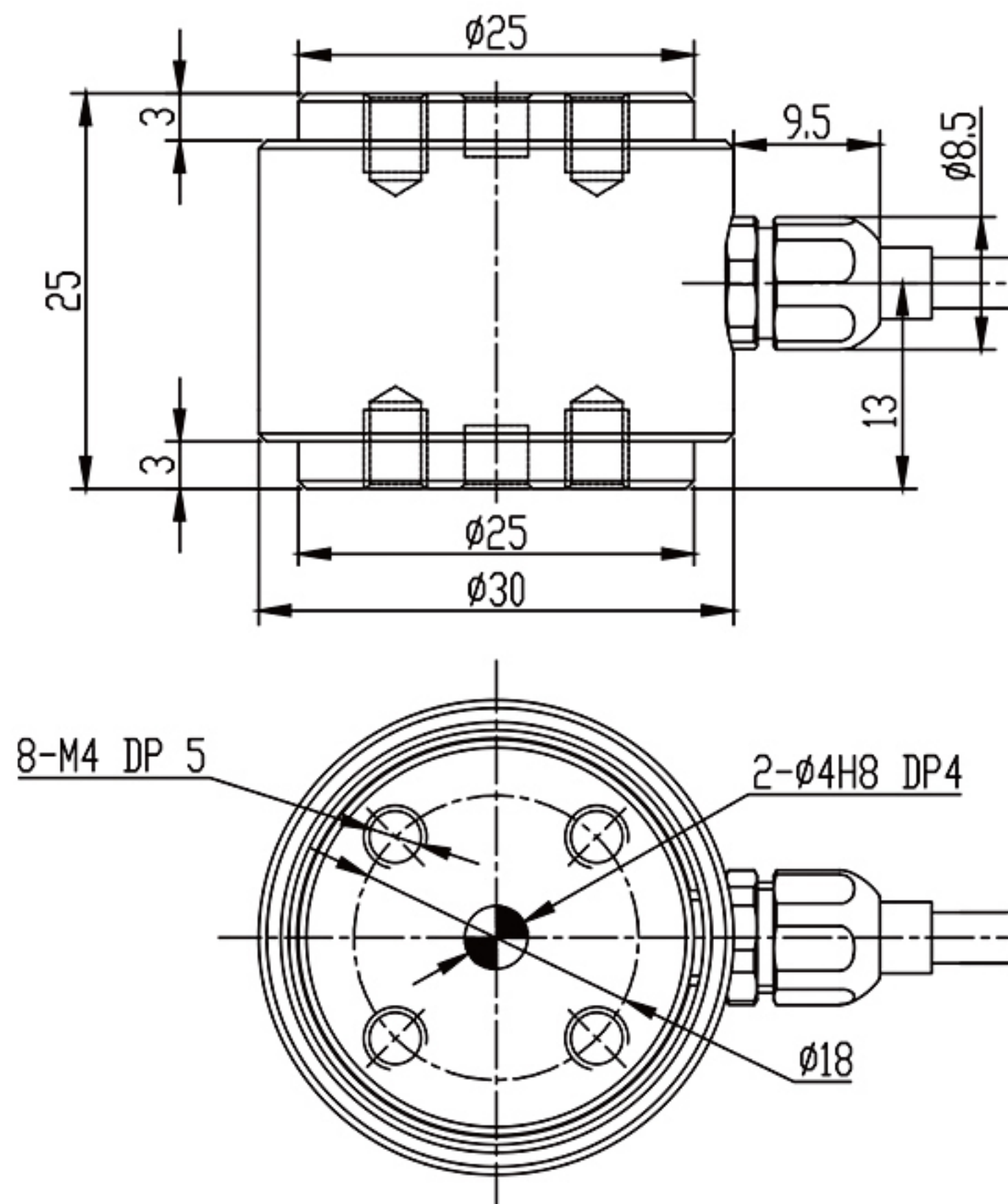
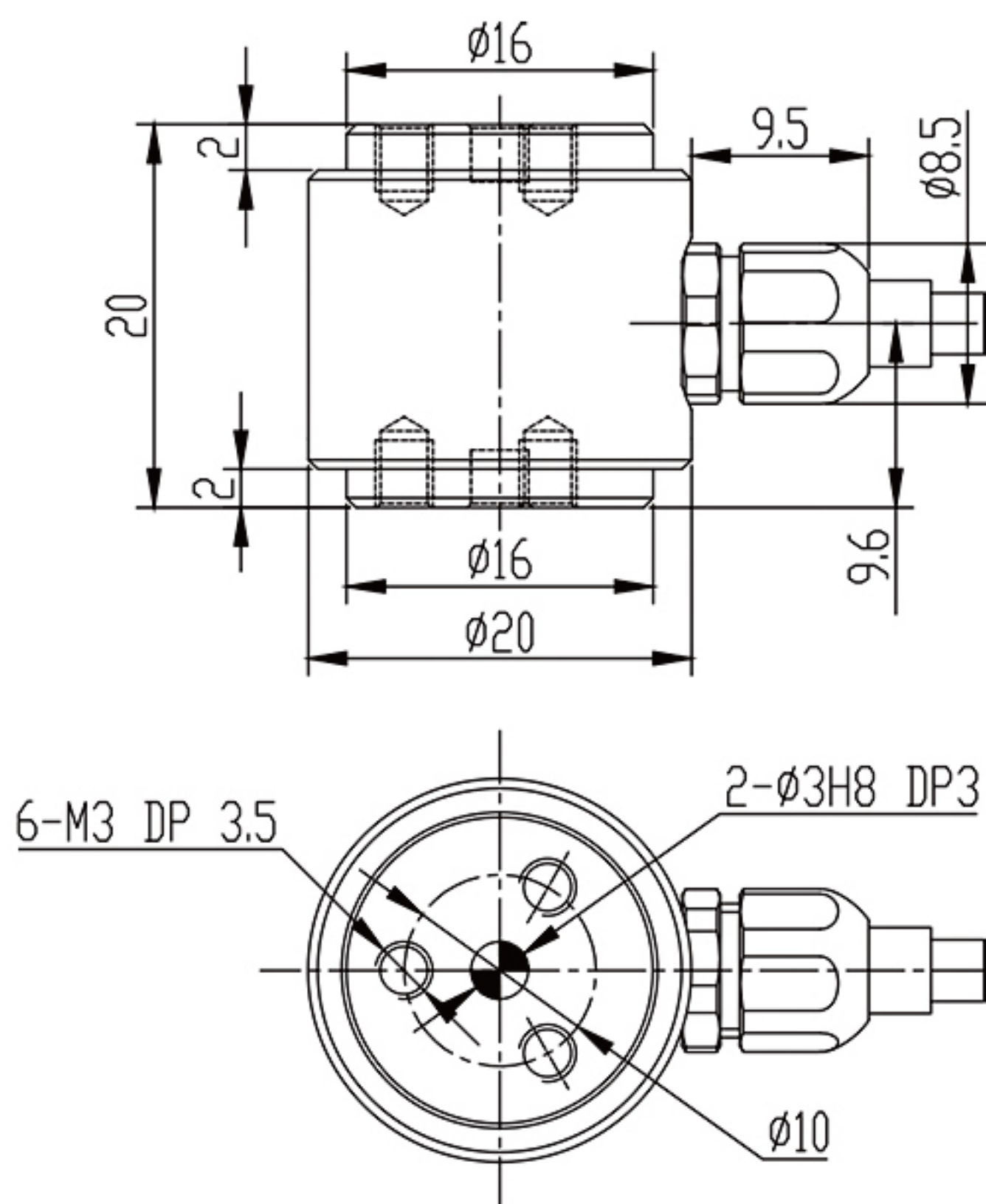
Φ: 20mm
H: 20mm



Φ: 30mm
H: 25mm

电气参数	TCF-716A	TCF-716B
额定量程 Capacity	10/20/30/50/100/200/500/1000N	100/200/500N, 1/2/5/10kN
额定输出 Rated Output	1.5±0.5mV/V	1.5±0.5mV/V
综合精度 Combined Accuracy	≤0.1%F.S.	≤0.1%F.S.
激励电压 Excitation Voltage	2~12VDC	2~12VDC
桥路电阻 Bridge Resistance	350±10Ω	350±10Ω
物理参数		
产品材质 Material of Construction	不锈钢 (Stainless steel)	不锈钢 (Stainless steel)
电缆规格 Cable	四线制/Φ4.8×4000mm	四线制/Φ3.2×4000mm
安全过载 Safe Overload	150%F.S.	150%F.S.
工作温度 Operation Temp Range	-40~120℃	-40~120℃
防护等级 IP Class	IP65	IP54

安装尺寸



Unit: mm

TCF-716A	满载变形量 Deflection at F.S.	<0.2mm
	自振频率 Natural Frequency	>1kHz

TCF-716B	满载变形量 Deflection at F.S.	<0.2mm
	自振频率 Natural Frequency	>1kHz

选型指南

产品应用：高精度设计结构可用于各种工业设备拉压力测量，机器人指尖力检测，线张力的测量等
产品选配件：信号变送器，仪表、电缆，航插，关节轴承、吊环，线导轮等