

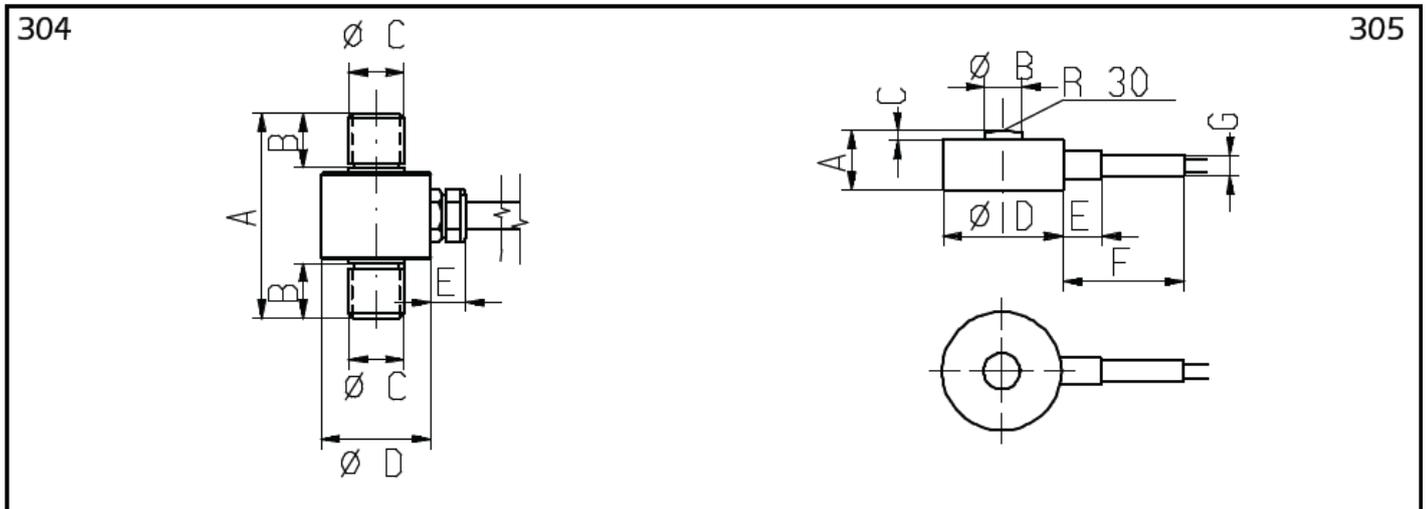
# Model 304/305

## 测力传感器



- 外形小巧
- 便于安装
- 高精度
- 不锈钢结构

Test 公司的304和305系列力传感器，常用于空间极小或有其他特殊要求的场合。可以保证极高的安装精度，达到高准确性和经久耐用。传感器由高质不锈钢制成，304型用于压力测试，305型用于拉力和压力测试。



Series	304 - 305		Range in kN						
	Class	M	Dimensions in mm						
			Modell 304					Modell 305	
Nominal sensitivity	mV/V	0,8... 1,2	1	5	10	20	50	0,5	
Sensitivity tolerance	%	≤ 0,3	2					1	
Nonlinearity	%	≤ 0,04						2	
Variation	%	≤ 0,02						5	
Combined error	%	≤ 0,5						10	
Reference temperature	°C	23						20	
Nominal temperature range	°C	0 ... +50							
Creep error after 30 min	%	≤ 0,07							
Creep error after 8 min	%	≤ 0,1							
Temperature coefficient of the zero signal per 10K within the nominal temperature	%	≤ 0,2	A	35	35	40	45	50	13
Temperature coefficient of the sensitivity per 10K within the nominal temperature	%	≤ 0,2	B	8	8	10	12	15	Ø 8
Stock temperature range	°C	-30... +90	C	M5	M8	M10	M12	M16	2
Output resistance at reference temperature	W	350 ± 25	D	Ø 10	Ø 12	Ø 18	Ø 24	Ø 29	Ø 26
Input resistance at reference temperature	W	350 ± 2	E	10	10	10	10	10	8,5
Isolation resistance at reference temperature	G W	> 2	F						26,5
Maximum input voltage	V	12	G						Ø 4,5
Nominal range of input voltage	V	2... 12							
Break load in reference to nominal load	%	≥ 300							
Max. allowance for dynamic load	%	≥ 150							
Protection class		IP 67							