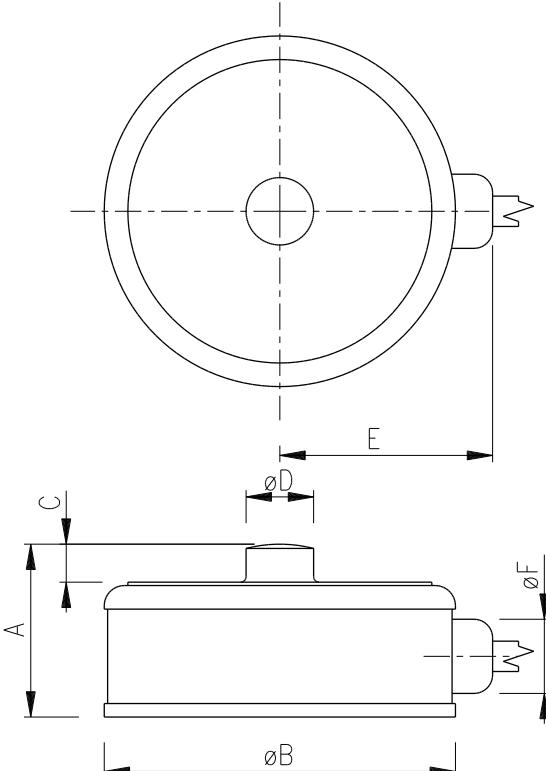




## **PT7000**

### **STAINLESS MINI-DISC**



- Fully Welded Stainless steel
- IP68 sealing, fully wash down proof
- Ideal for tanks and hoppers
- Replaces LPX

| <b>Capacity</b> | <b>Order</b>   | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>E</b> | <b>F</b> | <b>Cable (m)</b> | <b>Weight(kg)</b> |
|-----------------|----------------|----------|----------|----------|----------|----------|----------|------------------|-------------------|
| 100kg           | 70M0100S000XXX | 25.0     | 52.0     | 5.0      | 10.0     | 31.0     | 10.5     | 3                | 0.4               |
| 250kg           | 70M0250S000XXX | 25.0     | 52.0     | 5.0      | 10.0     | 31.0     | 10.5     | 3                | 0.4               |
| 500kg           | 70M0250S000XXX | 25.0     | 52.0     | 5.0      | 10.0     | 31.0     | 10.5     | 3                | 0.4               |
| 1000kg          | 70M1000S000XXX | 25.0     | 52.0     | 5.0      | 10.0     | 31.0     | 10.5     | 3                | 0.4               |
| 2500kg          | 70M2500S000XXX | 25.0     | 52.0     | 5.0      | 10.0     | 31.0     | 10.5     | 3                | 0.4               |
| 5000kg          | 70M5000S000XXX | 35.0     | 100.0    | 7.0      | 20.0     | 55.0     | 10.5     | 5                | 1.7               |
| 10000kg         | 70M010TS000XXX | 35.0     | 100.0    | 7.0      | 20.0     | 55.0     | 10.5     | 5                | 1.7               |
| 25000kg         | 70M025TS000XXX | 50.0     | 115.0    | 10.0     | 32.0     | 62.5     | 10.5     | 10               | 3.2               |
| 50000kg         | 70M050TS000XXX | 55.0     | 155.0    | 13.0     | 45.0     | 82.5     | 10.5     | 10               | 7.0               |

Signal Output at Capacity..... $2 \pm 0.02$  mV/V  
 Linearity Error.....< 0.070% FSO  
 Non-Repeatability.....< 0.050% FSO  
 Hysteresis.....< 0.050% FSO  
 Creep/(30 mins.).....< 0.070% FSO  
 Zero Balance.....< 1 % Capacity  
 Temperature Effect on Span/(10C).....< 0.025% FSO  
 Temperature Effect on Zero/(10C).....< 0.025% FSO  
 Compensated Temperature Range.....-10 ~ 50 C  
 Operating Temperature Range.....-20 ~ 65 C  
 Storage Temperature Range.....-50 ~ 85 C  
 Excitation +ve.....RED  
 Signal +ve.....GREEN

Service Load.....100% Capacity  
 Safe Load.....150% Capacity  
 Safe Side Load.....10% Capacity  
 Ultimate Load.....300% Capacity  
 Input Resistance.....410Ω nominal  
 Output Resistance.....350Ω ± 3Ω  
 Insulation Resistance.....> 5000 MΩ (@50 VDC)  
 Excitation Voltage(Rec).....5~15 V AC/DC  
 Excitation Voltage(Max.).....20 V AC/DC  
 Cable.....PUR Dia. 4.5~5.0 mm  
 Material.....17-4PH Stainless Steel  
 Excitation -ve.....Black  
 Signal -ve.....White

R6814



<http://www.pt-global.com>

