

# Delta Transducers

## Model : ARI751A

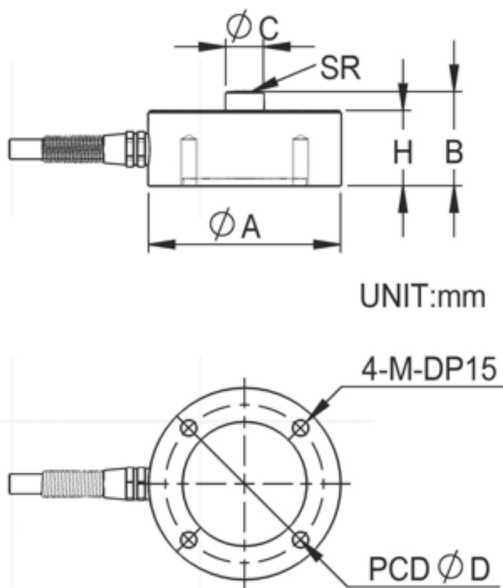


### Features & Application

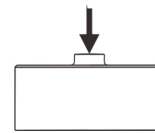
Sensors use special stainless steel material, repeatability, high reliability, good long-term stability. Small body big range

Widely used in pressure testing machine, the workpiece installation, material testing machine and other various industrial automation equipment.

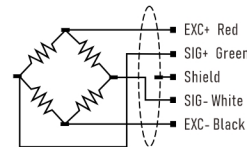
### Mounting Dimension



#### Load Direction



#### Wiring



| 量程 Capacity | $\phi A$ | B  | H  | $\phi C$ | $\phi D$ | SR  | 4-M |
|-------------|----------|----|----|----------|----------|-----|-----|
| 0.05-5t     | 51       | 25 | 20 | 10       | 42       | 50  | M5  |
| 6-15t       | 88       | 47 | 42 | 18       | 72       | 150 | M6  |

### Technical Parameters

| Specifications        | Technique                                  |
|-----------------------|--------------------------------------------|
| Rated load            | 50,100,200,300, 500 kg / 1,2,3,5,6,10,15 t |
| Rated output          | 1.0~2.0 $\pm$ 0.1mV/V                      |
| Zero balance          | $\pm$ 2%F.S.                               |
| Non-linearity         | 0.1%F.S.                                   |
| Hysteresis            | 0.1%F.S.                                   |
| Repeatability         | 0.1%F.S.                                   |
| Creep (30min.)        | 0.1%F.S.                                   |
| Temp.effect on output | 0.05%F.S. / 10 $^{\circ}$ C                |
| Temp.effect on zero   | 0.05%F.S. / 10 $^{\circ}$ C                |
| Impedance             | 700 $\Omega$                               |
| Insulation resistance | $\geq$ 5000M $\Omega$ / 100VDC             |
| Excitation voltage    | 5~15V                                      |
| Operating temp range  | -20~80 $^{\circ}$ C                        |
| Safe overload         | 150%F.S.                                   |
| Maximum overload      | 200%F.S.                                   |
| Cable specifications  | $\phi$ 5x2m                                |