

# Delta Transducers

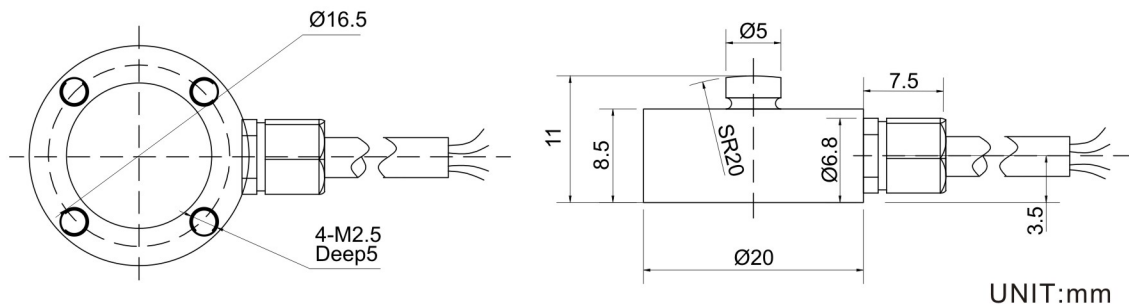
## Model : ARI761A



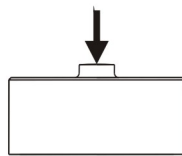
## Features & Application

Backlog of high temperature performance can be customized, used for injection molding, such as manufacturing process, it is suitable for automobile pressure equipment, automated assembly, 3 c product testing, new energy products assembly, medical testing, robotics, and other industrial test control system.

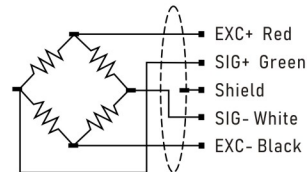
## Mounting Dimension



### Load Direction



### Wiring



## Technical Parameters

| Specifications         | Technique                                |
|------------------------|--|
| Rated load             | 20, 50, 100, 200, 500N 1, 2, 5, 10, 20KN |
| Comprehensive error    | $\leq \pm 0.1\%$                         |
| Non-linearity          | 0.1%                                     |
| Rated output           | 1.0 / $2.0 \pm 20\%$ mV/V                |
| Creep                  | $\pm 0.5\%$ F.S. / 30min.                |
| Zero balance           | $\pm 2.0\%$ F.S.                         |
| Input resistance       | $350 \pm 10 / 800 \sim 1100 \Omega$      |
| Output resistance      | $350 \pm 10 / 800 \sim 1100 \Omega$      |
| Insulation resistance  | $\geq 5000 M\Omega / 100VDC$             |
| Temp.effect on span    | $\pm 0.05\%$ F.S. / $10^\circ C$         |
| Temp.effect on zero    | $\pm 0.05\%$ F.S. / $10^\circ C$         |
| Compensated temp range | $-10 \sim 60^\circ C$                    |
| Use temp range         | $-20 \sim 80^\circ C$                    |
| Excitation voltage     | 5~12V                                    |
| Safe overload          | 150% F.S.                                |
| Ultimate overload      | 200% F.S.                                |
| Defend grade           | IP66                                     |