

# Delta Transducers

## Model : ARI641C

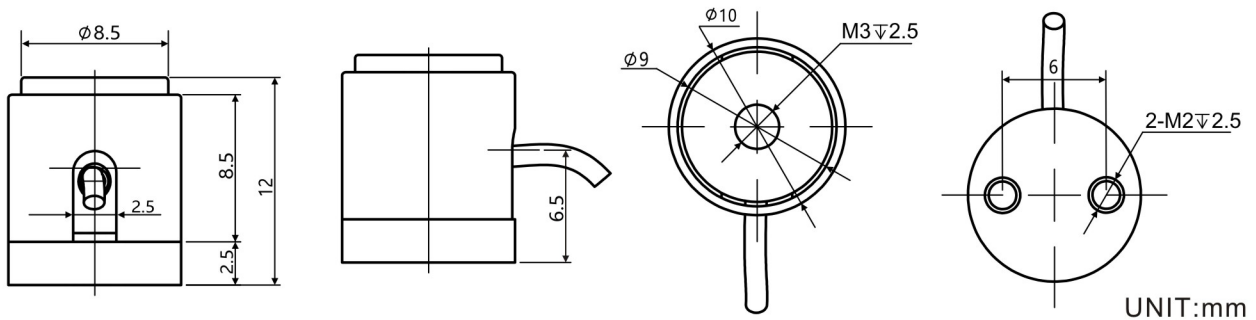


## Features & Application

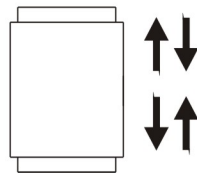
Micro pressure sensor, small volume, low altitude, the deformation is small, cylindrical shape, stainless steel materials, tension and compression bidirectional.

Mainly for the push, pull, all kinds of industrial measuring and weighing system and so on.

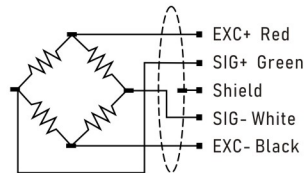
## Mounting Dimension



## Load Direction



## Wiring



## Technical Parameters

Specifications	Technique
Rated load	10,20,30,50,100,200N
Comprehensive error	$\leq \pm 0.1\%$
Non-linearity	0.1%
Rated output	$2.0 \pm 10\% \text{mV/V}$
Creep	$\pm 0.1\% \text{F.S.} / 30\text{min.}$
Zero balance	$\pm 2.0\% \text{F.S.}$
Input resistance	$350 \pm 20\Omega$
Output resistance	$350 \pm 5\Omega$
Insulation resistance	$\geq 5000\text{M}\Omega / 100\text{VDC}$
Temp.effect on span	$\pm 0.05\% \text{F.S.} / 10^\circ\text{C}$
Temp.effect on zero	$\pm 0.05\% \text{F.S.} / 10^\circ\text{C}$
Compensated temp range	$-10 \sim 40^\circ\text{C}$
Use temp range	$-20 \sim 60^\circ\text{C}$
Excitation voltage	5~15V
Safe overload	150%F.S.
Ultimate overload	200%F.S.
Defend grade	IP66