

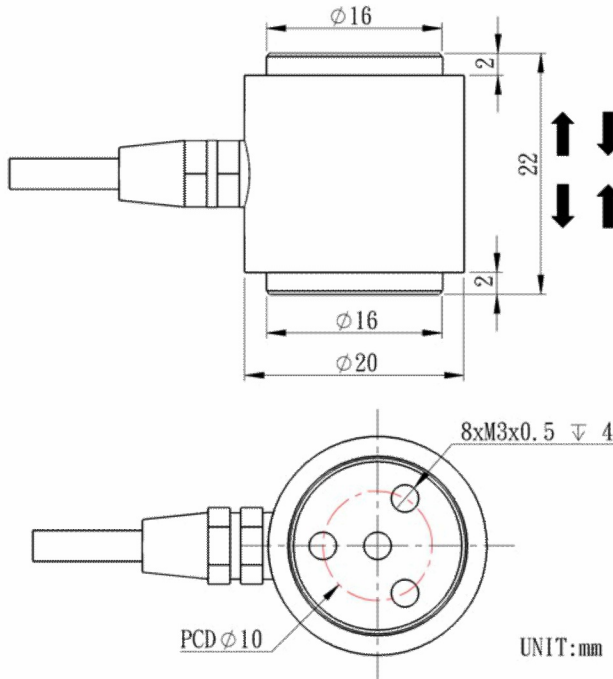
Model : ARI671



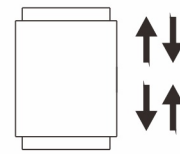
Features & Application

Micro sensor, low height, small deformation, stainless steel materials, tension and compression bidirectional, dynamic response frequency is high, Prevent overload, it is mainly used for pushing tension meter, injection molding and mold industry, robot grab, pumped, Pull pressure detection and control, car assembly force value, etc.

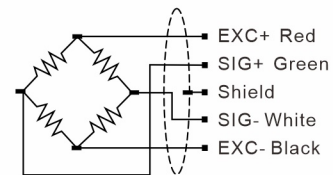
Mounting Dimension



Load Direction



Wiring



Technical Parameters

Specifications	Technique
Rated load	50,100,200,300,500,1000,2000 N
Comprehensive error	$\leq \pm 0.1\%$
Non-linearity	0.1%
Rated output	1.0 / $2.0 \pm 10\%$ mV/V
Creep	$\pm 0.1\%$ F.S. / 30min.
Zero balance	$\pm 2.0\%$ F.S.
Input resistance	650 / $350 \pm 10\Omega$
Output resistance	650 / $350 \pm 10\Omega$
Insulation resistance	$\geq 5000M\Omega$ / 100VDC
Temp.effct on span	$\pm 0.05\%$ F.S. / 10°C
Temp.effct on zero	$\pm 0.05\%$ F.S. / 10°C
Compensated temp range	$-10 \sim 60^\circ\text{C}$
Use temp range	$-20 \sim 80^\circ\text{C}$
Excitasion voltage	5~12V
Safe overload	150% F.S.
Ultimate overload	200% F.S.
Defend grade	IP66