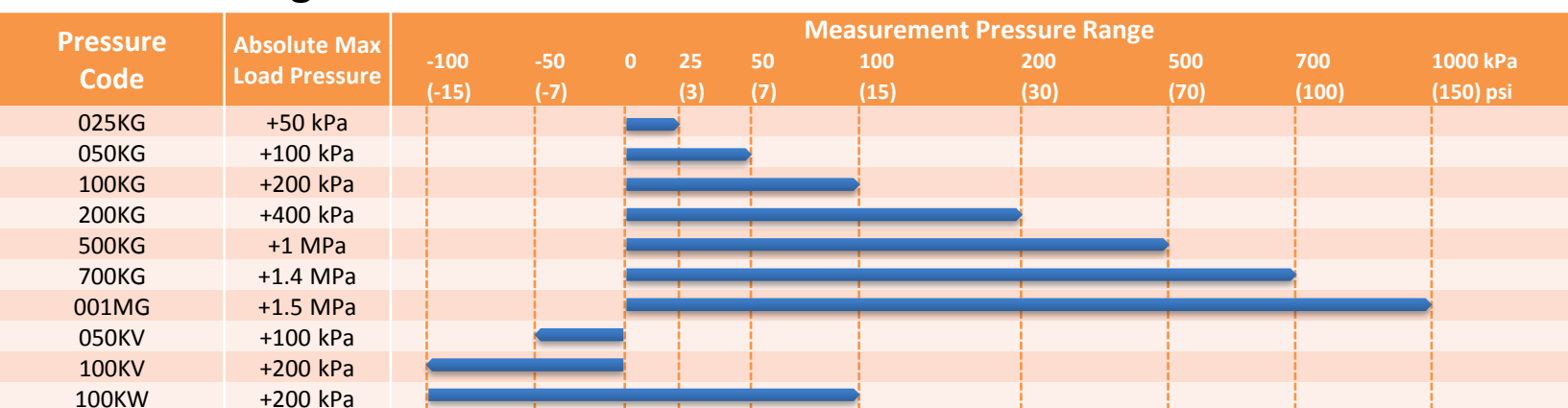


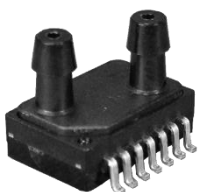


Low Pressure & Digital Output Semiconductor Pressure Sensors

Under
development
ES available



Package



AL4
SOIC-14
Dual barbed ports

Features

- Digital output
- High accuracy ± 1.5 %FS
- Supply voltage 3.0, 3.3 & 5.0 Vdc
- High load pressure +100kPa
- Custom modifications to pressure range and outputs available
- RoHS compliant

Medical Applications

- Sleep apnea prevention devices
- CPAP machines
- Oxygen concentrators and conserving devices
- Ventilators
- Respiratory devices
- Other portable medical devices

Specifications

Item	Unit	Model AL4		
Type of Output		Digital Output (I ² C™)		
Supply Voltage	Vdc	3	3.3	5
Maximum Supply Current	mA	3.5	3.5	4.5
Accuracy	%FS	± 1.5	± 1.5	± 1.5
Operating Temperature	deg C	-40 ... +85		
Compensated Temperature	deg C	0 ... +50		
Pressure Media		Non-corrosive gases (Air and other dry gases)		

Pressure Range

Pressure Code	Abs Max Load Pressure (kPa)	Measurement Pressure Range										
		-10	-7	-4	-2	-1	0	1	2	4	7	10 kPa
		(-100)	(-70)	(-40)	(-20)	(-10)		(10)	(20)	(40)	(70)	(100) cmH ₂ O
002KG	+100											
004KG	+100											
007KG	+100											
010KG	+100											
002KV	+100											
004KV	+100											
007KV	+100											
010KV	+100											
001KW	+100											

Who is Fujikura?



Head Office in Tokyo

The history of Fujikura began in 1885, when Zenpachi Fujikura, the founder of the company, produced copper wires for electronic generators through much trial and error. At the time, copperwires represented a leading-edge technology. Since the

early days, Fujikura has been expanding its business in a wide spectrum of fields, including IT, electronics and electric components.

Pressure sensors are one of product lines in Fujikura's electronics business. We have supplied pressure sensors since 1982. Our products are used in various consumer, industrial and medical applications globally. To help you deliver a successful project, We are willing to:

- Listen and support the resolution of your technical challenges.
- Provide strong technical support, samples and testing.
- Supply modified & customized products to meet your most demanding needs.

Fujikura Ltd.

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