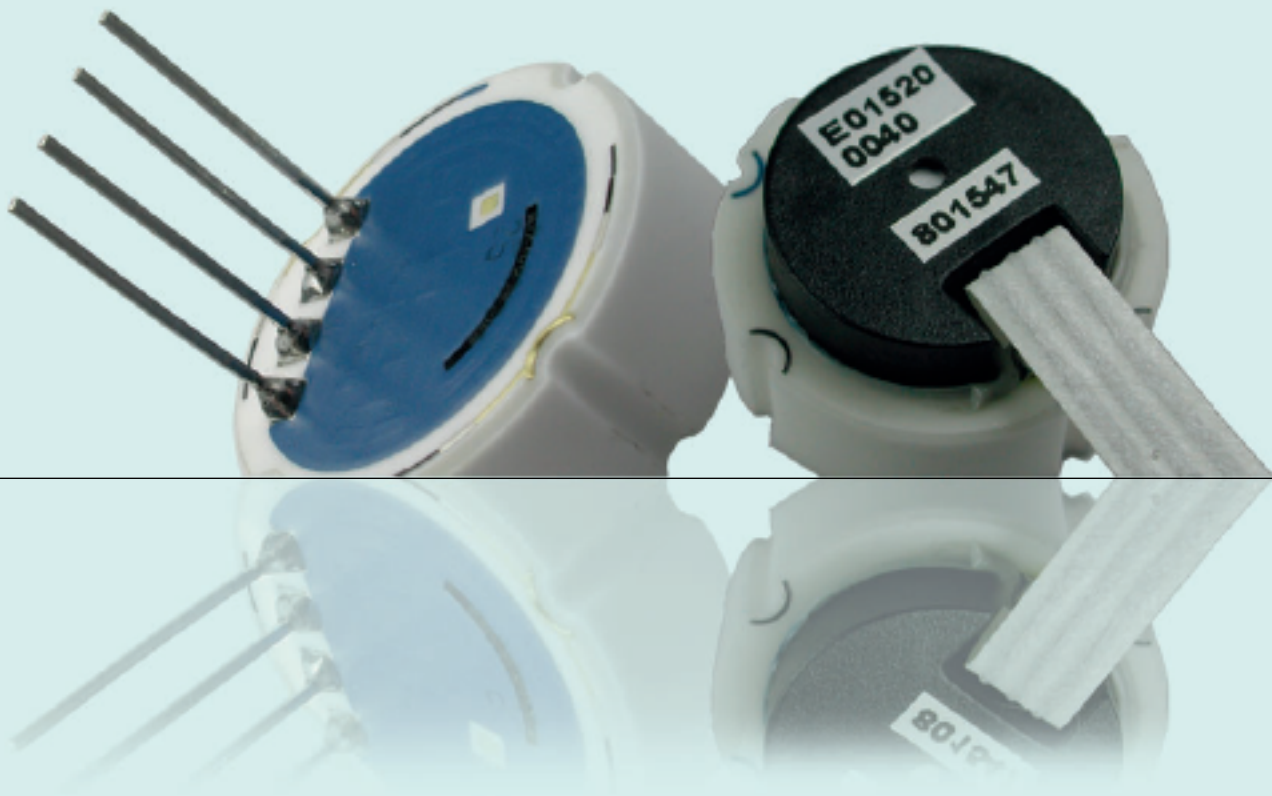


Pressure Sensors Product Overview



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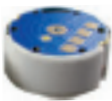
technology matters


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Pressure Sensors Product Overview


Type	Technology	Dimensions	Supply Voltage	Output Signal	Pressure Range p-nom	Burst Pressure	Pressure Mode	Temperature Range
Pressure Sensor Monolith Ceramic CPS 1010/2010								
	thick film on ceramic	diameter: 18 x 6,35 mm	3 – 30 V	1,5 – 3,5 mV/V	1,6 – 600 bar	2,5 x p-nom ... 1,75 x p-nom	gauge	-40 – 85°C, optional up to 125°C
Special features: Electrical connections: soldering pads (pitch 1,27 mm, 2,54 mm), soldering pins, Flex 25 mm, Flex 45 mm - high chemical resistance - OEM Sensor								
Pressure Sensor Monolith Ceramic CPS 1184								
	thick film on ceramic	diameter: 18 x 6,35 mm without pins	3 – 30 V	1,5 – 5,3 mV/V	1,6 – 400 bar	2,5 x p-nom ... 1,75 x p-nom	gauge	-40 – 85°C, optional up to 125°C
Special features: Electrical connections: soldering pitch (pitch 1,27 mm, 2,54 mm), soldering pins - flex - high chemical resistance - option: span trimming								
Pressure Sensor Monolith Ceramic CPS 1184 Z								
	thick film on ceramic	diameter: 18 x max. 12 mm without plug	5 V	0,5 – 4,5 V (ratiometric)	1,6 – 400 bar	2,5 x p-nom ... 1,75 x p-nom	gauge	-40 – 85°C, optional up to 125°C
Special features: Electrical connections: soldering pads, soldering pins, plug (JST) - high chemical resistance								
Pressure Sensor Ceramic CPS 2184								
	thick film on ceramic	diameter: 18 x max. 7,6 mm without pins	3 – 30 V	1,5 – 6,0 mV/V	0,5 – 600 bar	4 x p-nom ... 1,5 x p-nom	gauge (0,5 – 50 bar), absolut (1 – 50 bar), sealed gauge (> 50bar)	-40 – 85°C, optional up to 125°C
Special features: Electrical connections: soldering pads, soldering pins - high chemical resistance - flush membrane								
Pressure Sensor Ceramic CPS 2184 Z								
	thick film on ceramic	diameter: 18 x max. 12 mm without plug	5 V	0,5 – 4,5 V (ratiometric)	0,5 – 600 bar	4 x p-nom ... 1,5 x p-nom	gauge (0,5 – 50 bar), absolut (1 – 50 bar), sealed gauge (> 50bar)	-40 – 85°C, optional up to 125°C
Special features: Electrical connections: soldering pads, soldering pins, plug (JST) - high chemical resistance - flush membrane								


Type	Technology	Dimensions	Supply Voltage	Output Signal	Pressure Range p-nom	Burst Pressure	Pressure Mode	Temperature Range
Pressure Sensor Monolith Ceramic CPS 2152								
	thick film on ceramic	diameter: 15 x ca. 6,35 mm without pins	3 – 30 V	1,5 – 3,5 mV/V	1 – 50 bar	3 x p-nom ... 2,5 x p-nom	gauge (1 – 50 bar), absolut (1 – 50 bar)	-40 – 85°C, optional up to 125°C
Special features: Electrical connections: soldering pads, soldering pins - high chemical resistance - flush membrane								NEW


Pressure Sensor Monolith Ceramic CPS 3500								
	thick film on ceramic	diameter: 18 x ca. 10 mm	5 V	0,5 – 4,5 V (ratiometric)	4 – 100 bar	3 x p-nom ... 2,5 x p-nom	gauge	-40 – 85°C, optional up to 125°C
Special features: Electrical connections: flex cable - amplifier directly on the ceramic body - extrem flat design								

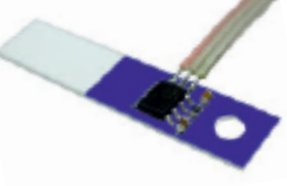
Pressure Sensor Monolith Stainless Steel SPS 1000								
	thick film on stainless steel	diameter: 18 x 6,35 mm	3 – 30 V	1,5 – 3,5 mV/V	10 – 1000 bar	10 x p-nom ... 3 x p-nom	gauge	-40 – 85°C, optional up to 125°C
Special features: Electrical connections: soldering pads, soldering pins - high burst pressure at high pressure range								

Pressure Sensor Monolith Stainless Steel SPS 1000 Z								
	thick film on stainless steel	diameter: 18 x max. 12 mm without plug	5 V	0,5 – 4,5 V (ratiometric)	10 – 1000 bar	10 x p-nom ... 3 x p-nom	gauge	-40 – 85°C, optional up to 125°C
Special features: Electrical connections: soldering pads, soldering pins - high burst pressure at high pressure range								

Pressure Sensor Monolith Stainless Steel SPS 3003								
	thick film on stainless steel	SW22, G1/4", total height 24 mm	3 – 30 V	1,5 – 3,5 mV/V	10 – 1000 bar	10 x p-nom ... 3 x p-nom	gauge	-40 – 85°C, optional up to 125°C
Special features: Electrical connections: soldering pads, soldering pins - integrated process connection - no seal required - high burst pressure at high pressure range								

Type	Technology	Dimensions	Supply Voltage	Output Signal	Pressure Range p-nom	Burst Pressure	Pressure Mode	Temperature Range
Pressure Sensor Monolith Stainless Steel SPS 3003 Z								
	thick film on stainless steel	SW22, G1/4", total height 30 mm without plug	5 V	0,5 – 4,5 V (ratiometric)	10 – 1000 bar	10 x p-nom ... 3 x p-nom	gauge	-40 – 85°C, optional up to 125°C
Special features: Electrical connections: soldering pads - soldering pins - integrated process connection - no seal required - high burst pressure at high pressure range								

Force Sensor - Bending Beam CBB								
	thick film on ceramic	customized	3 – 30 V	1,5 – 6 mV/V	3 N – 50 N	1,5 x Fn – 3 x Fn		-40 – 85°C, optional up to 125°C
Special features: Soldering pads - customized - thick film on stainless steel or FR4								NEW

Force Sensor - Bending Beam CBB Z								
	thick film on ceramic	customized	5 V	0,5 – 4,5 V (ratiometric)	3 N – 50 N	1,5 x Fn – 3 x Fn		-40 – 85°C, optional up to 125°C
Special features: Soldering pads - customized - thick film on stainless steel or FR4								NEW