

Parameter	Technical data
Operation range (full accuracy)	Pressure: 300...1100 hPa Temperature: -40...85°C
Absolute accuracy $p = 950 \dots 1050 \text{ hPa}$ (Temperature = 0...+40°C)	$\sim \pm 1 \text{ hPa}$
Relative absolute accuracy $p = 950 \dots 1050 \text{ hPa}$ (+25°C)	$\pm 0.12 \text{ hPa}$ (typical) equivalent to $\pm 1 \text{ m}$
Average current consumption (1 Hz data refresh rate)	2.74 $\mu\text{A}$ , typical (ultra-low power mode)
Average current consumption in sleep mode	0.1 $\mu\text{A}$
Average measurement time	5.5 msec (ultra-low power preset)
Supply voltage VDDIO	1.2 ... 3.6 V
Supply voltage VDD	1.71 ... 3.6 V
Resolution of data	Pressure: 0.01 hPa (< 10 cm) Temperature: 0.01° C
Temperature coefficient offset (+25°...+40°C @900hPa)	$\pm 0.12 \text{ hPa}$ (typical) equivalent to $\pm 1 \text{ m}$
Interface	I <sup>2</sup> C and SPI
Package dimensions	8-Pin LGA with metal 2.0 x 2.5 x 0.95 mm <sup>3</sup>