

## 6.2 Pressure sensors

### Absolute pressure sensors



#### Product type

**DS-K-TF (fuel)**

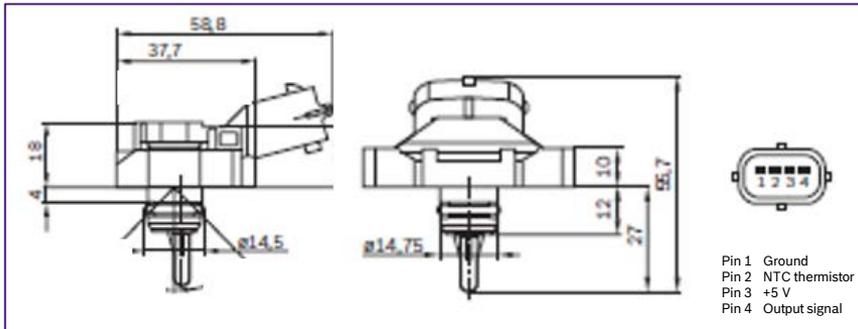
#### Part number

**0 261 230 112**

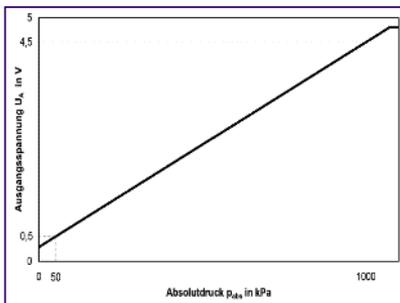
#### Picture



#### Dimensional drawings



#### Characteristic curve



#### Technical data

Parameter	min.	type	Max.
Features	Integrated temperature sensor		
Application/medium	fuel		
Pressure range ( $p_1...p_2$ )	kPa	50	1000
Supply voltage $U_V$	V	4,75	5, 5,25
Load current $I_L$ at output	mA	-1	0,5
Response time $\tau_{10/90}$	ms		1
Operating temperature	°C	-40	+125

#### Limit data

Operating temperature	°C	-40	+130
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#### Temperature sensor

Measuring range	°C	-40	+125
Measurement current <sup>1)</sup>	mA		1
Rated resistance at +20°C	kΩ	2,5 ± 6 %	
Temperature/time constant $\tau_{63}$ <sup>2)</sup>	s		45

<sup>1)</sup> Operation with 1 kΩ series resistance.

<sup>2)</sup> In air with flow velocity 6 m/s.

#### Accessories

Connector housing	4-pin	1 928 403 736
Contact pins	For Ø 0.5...1.0 mm <sup>2</sup> ; Contents: 100 x	1 928 498 056
Contact pins	For Ø 1.5...2.5 mm <sup>2</sup> ; Contents: 100 x	1 928 498 057
Single-wire seal	For Ø 0.5...1.0 mm <sup>2</sup> ; Contents: 10 x	1 928 300 599
Single-wire seal	For Ø 1.5...2.5 mm <sup>2</sup> ; Contents: 10 x	1 928 300 600
Dummy plug		1 928 300 601

Accessories are not included in the scope of delivery of the sensor and therefore to be ordered separately as required.