

## 3.4 Pressure sensors Medium pressure sensor



# BOSCH

### Product type

Picture

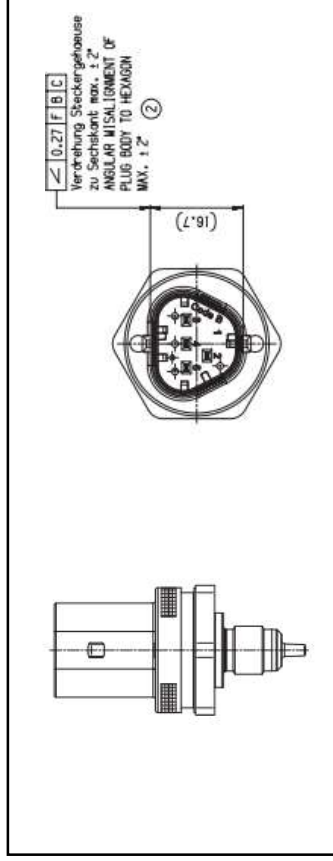
**MPS1-TF**



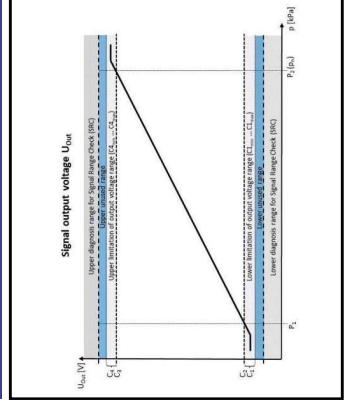
### Part number

**0 261 544 01F**

### Dimensional drawings



### Characteristic curve



### Technical data

Features	Integrated temperature sensor		
Pressure range (p <sub>1</sub> ...p <sub>2</sub> )	bar	0	10
Max. overpressure	bar		20
Supply voltage U <sub>V</sub>	V	4.75	5.25
Supply current I <sub>s</sub>	mA		16.5
Thread	M 10 x 1		
Application	Diesel and gasoline		
Max. Supply voltage U <sub>s</sub>	V		18
Load capacitance to ground	nF		13
Response time τ <sub>1,0/90</sub>	ms		2.0
Operating temperature	°C	-40	+150
Measurement current <sup>1)</sup>	mA		1

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

### Accessories

Wire size range	For Ø 0,35...0,5 mm <sup>2</sup>
Connector housing (1x)	1 928 405 159
Matrix terminal (4x)	1 928 498 143
Mating single wire seal (4x)	1 928 300 934
Cavity Plug (1x)	1 928 300 935

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

► **Product groups**