



# TPFAS SERIES FLUID FREE

## THE STRONGEST SOLUTION



### OPTIMIZATION OF MIXING AND DOSING PROCESS

COMPATIBLE WITH THICK AND AGGRESSIVE MEDIA  
(RESINS, POLYMER, SILICONE, GLUE)

AUTOZERO FUNCTION

BEST APPLICATION FLEXIBILITY





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## THE STRONGEST SOLUTION

### WHY TPFAS SERIE

- › The best solution for pressure measurement of high viscosity fluids, even on installation with small space available.
- › Two diaphragm size are available, Ø 10.9 mm with G ¼ thread, and Ø 8.6 mm with M10x1 thread, that is the smallest on the market, with this kind of fluid-free technology.
- › **Strain gauge on stainless steel** sensing element, with high thickness and **no fluid filling** and internal o-ring, miniaturized thanks to Gefran technology on gauging process.
- › Wide choice of signal output and electrical connectors.
- › Application flexibility tanks to the unique digital autozero function, available as option in two models, with external activation or with magnetic activation.
- › The stainless steel measuring diaphragm of TPFAS is compatible with most **thick** and **aggressive** media like, **resins, silicone, polyurethane, glue, etc.**, so that this is the ideal product for all the applications on **mixing and dosing pumps and machines.**

### MAIN FEATURES

- › Measurement range: from 0...25 bar to 0...600 bar
- › Non-Linearity:  $\pm 0,25\%$  FS BFSL
- › Process temperature range: -40 ... 125°C
- › Temperature coefficient:  $\pm 0,01\%$ FS/°C tip.
- › G ¼ and M10x1 flush diaphragm fitting
- › Front seal o-ring in Viton
- › Wetted parts: Stainless Steel 17-4PH (1.4542)
- › Magnetic or external autozero function

For more information on the TPFAS and its applications, contact us or visit [www.gefran.com](http://www.gefran.com)!

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