



## PA 153

### Probe mounting adaptor

#### FEATURES

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- » From the Vibro-Meter® product line
- » For the external mounting of TQ proximity probes
- » Allows easier probe installation and gap adjustment
- » Stainless steel rod available in lengths from 50 to 800 mm, with mounting position adjustable to  $\pm 10$  mm
- » Range of adaptor threads
- » Choice of cable fitting options



#### DESCRIPTION

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The PA 153 probe mounting adaptor permits the external mounting of a TQ 412 proximity probe without machine disassembly and allows gap adjustment even while the machine is running.

Designed for harsh industrial environments, the stainless steel rod protects the transducer-to-cable connection. The probe adaptor facilitates installation and ensures the proper functioning of a proximity transducer system.



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## SPECIFICATIONS

### Rod (ordering options B and C)

Material	: Stainless steel 1.4301
Length	: See Ordering information on page 3
Probe mounting thread	: See Ordering information on page 3

### Adaptor assembly (ordering option D)

Material	: Stainless steel 1.4305
Mounting thread	: See Ordering information on page 3
O-ring seal	: Viton® (FPM) Ø13 x 1.5 mm

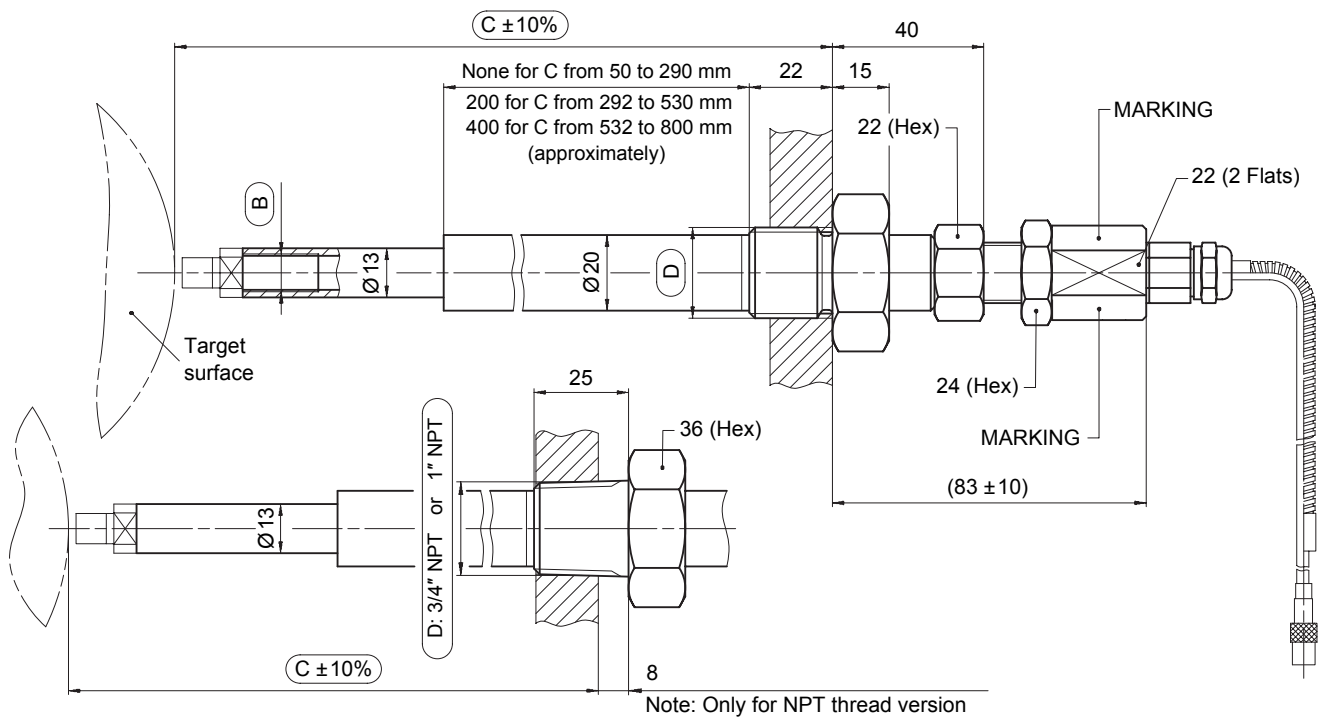
### Cable fittings (ordering option F)

Material	Nickel-plated brass, Viton (FPM) seal
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### Environmental

Operating temperature	: -40 to +200°C
Protection rating (according to IEC 60529)	: IP65

## MECHANICAL DRAWING



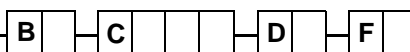
Note: All dimensions are in mm unless otherwise stated.

## ORDERING INFORMATION

To order please specify

Type : PA 153  
Designation : Probe mounting adaptor  
Ordering number : See below

Ordering number: 800 - 153 - 000 - 011



Sensor thread (B)	
M10x1	1
3/8" - 24 UNF	2

Adaptor thread (D)	
M24	1
7/8" - 14 UNF	2
3/4" NPT	3
G 3/4"	4
1" NPT	5

Rod length (C)*	
Each 2 mm, from 50 to 800 mm	
50 mm min.	050
800 mm max.	800

Cable fitting (F)	
M12x1.5 cable gland for cable Ø2.5 to Ø3.6 mm	1
M12x1.5 combination cable gland for Ø2 to Ø4 mm cable and Ø6 to Ø8 mm flexible protection tube	3



\*For ordering options C and E, see the notes for NPT thread version in the Mechanical drawing on page 2.

Note: Ordering option F1 allows a connector up to 7.2 mm to be fed through.

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The Meggitt Sensing Systems facility in Fribourg, Switzerland was formerly known as Vibro-Meter SA, but is now Meggitt SA. This site produces a wide range of vibration and dynamic pressure sensors capable of operation in extreme environments, leading-edge microwave sensors, electronics monitoring systems and innovative software for aerospace and land-based turbo-machinery.



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