

### Probe Mounting Adaptor Type PA 153

#### FEATURES

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- ▶ Ease of probe installation and gap adjustment
- ▶ External mounting of TQ proximity probe
- ▶ Stainless steel rod available in lengths from 50 up to 800 mm, and with mounting position adjustable to  $\pm 10$ mm
- ▶ Range of adapter threads available
- ▶ Choice of cable fitting options



#### DESCRIPTION

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The PA 153 probe adapter 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 and cable connection. The probe adapter facilitates installation and ensures the proper functioning of the proximity transducer system.



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## **SPECIFICATIONS**

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### **ROD (ORDERING OPTIONS B & C)**

Material	: Stainless steel 1.4301
Length	: See Ordering Information
Probe mounting thread	: See Ordering Information

### **ADAPTER ASSEMBLY (ORDERING OPTION D)**

Material	: Stainless steel 1.4305
Mounting thread	: See Ordering Information
O-ring seal	: Viton (FPM) Ø 13 x 1,5 mm

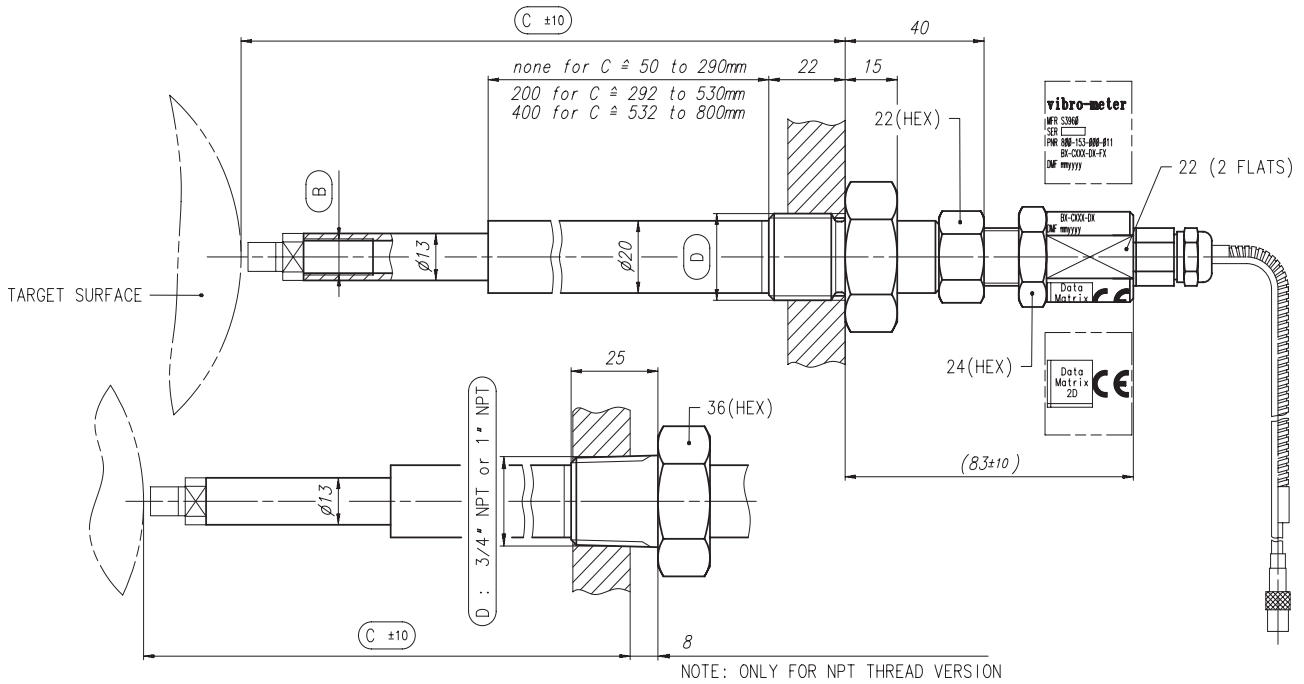
### **CABLE FITTINGS (ORDERING OPTION F)**

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

Operating temperature	: -40°C to +200°C
Protection class	: IP 65 according to DIN 60529

## MECHANICAL DRAWING



## ORDERING INFORMATION

To order please specify:

Type : PA 153  
 Designation : Probe adaptor  
 Ordering number : 800-153-000-011-B□-C□□□-D□-F□

SENSOR THREAD (B)	
M10 x 1	1
3/8" - 24 UNF	2

ROD LENGTH (C)	
Each 2 mm from 50 - 800	
Minimum : 50 mm	050
Maximum : 800 mm	800

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

CABLE FITTING (F)	
1	Cable gland M12x1.5 for cable Ø2.5 ÷ Ø3.6 mm
3	Cable gland combi M12x1.5 for cable Ø2 ÷ Ø4 mm and flexible protection tube Ø6 ÷ Ø8 mm

\* Code 1 : selecting option F "1" allows you to feed through a connector of up to 7.2 mm diameter

FOR C  
SEE NOTE FOR NPT THREAD VERSION



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