



**PETROSYSTEM**  
SUPPLY & SERVICE S.r.l.

**MECHANICAL INTRUSIVE PIG SIGNALER**

Model **SIGNA**

## **INTRUSIVE PIG SIGNALLERS**

**For any pipeline diameter  
For any fluid  
For any pressure  
For any pigging application...**



Here below the range of pig signallers available :

- *Boss Mounted type*
- *Flange Mounted type*
- *Valve Mounted type*

Pig Signaller range combines the best features of all recognised pig signalling systems with several new ones. It is the results of over 20 years experience in signaller design and manufacture, total awareness of current market requirements and a continuous development program.

Unique features of the Pig Sig range include :

- Intrusive Pig Signaller can be fitted to most existing signaller bosses, for greater flexibility
- Intrusive Pig Signaller can be fitted to all sizes of pipeline over 2" in diameter, to meet just about all your requirements
- Intrusive Pig Signaller comes with mechanical/visual indicator, electrical indicator, or a combination of both, for maximum flexibility
- Intrusive Pig Signaller can be removed, serviced and replaced under full line pressure with specially designed removal tools, no need to shut down the line
- Intrusive Pig Signaller does not use dynamic seals, for low maintenance costs and emission controls
- Intrusive Pig Signaller Boss mounting type can be fitted to live pipelines using existing hot tapping system (subject to pressure limitations), so your pipeline can continue to operate



## TECHNICAL DATA

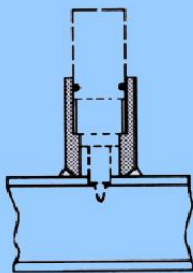


Fig. 1a Welding Boss Mounted

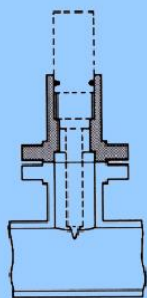


Fig. 1b Flanged Mounted

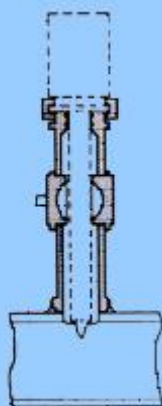


Fig. 1c Ball Valve mounted on 1 1/2" nipple

### Pipeline Features

<b>Size</b>	Above 2"
<b>Operating temperature</b>	-20 / +125 °C
<b>Unit operating pressure</b>	0 – 3500 PSI (Class 1500)
<b>Product</b>	All product types e.g. crude oil, gas etc.

### UniSig

<b>Mounting</b>	Boss, flange and valve. Extended variants of each
<b>Indication Type</b>	Mechanical / visual and / or electrical
<b>Removal under pressure</b>	With special removal tool
<b>Hot tapping</b>	Boss only. Hot tapping Tool and Removal Tool required
<b>Sub-sea variant</b>	Yes
<b>Materials : Boss Flange Valve Cap and internals</b>	API 5L X52 (or to suit your requirements) ASTM A105 (or to suit your requirements) ASTM A105 (or to suit your requirements) 316 stainless steel
<b>Code compliance</b>	ASME VIII / NACE MR-01-75

