

Sypris® Technologies

Sig-Tech®

Intrusive Pig Signaler



Standard Features:

- Stainless Steel Construction
- Weather and Corrosion Resistant
- Highly Visible Flag Indicator
- Omni-directional Functionality
- FKM with Teflon Back-Up Ring
- Boss Mounted (Flanged Option Available)
- NACE MR0175 Compliant
- Rated to 3705 PSI (Class 1500#)

The Sypris® Technologies Sig-Tech® intrusive Pig Signaler can be installed at pre-determined intervals on pipelines to detect the passage of a cast polyurethane pig or spherical type pig. A trigger extending into the pipeline through a welded boss fitting that will trip when a pig passes, immediately activating the signaling mechanism. The Sig-Tech® pig signaler is easy to install into the boss, and with correct tools can be installed under operating pressure. Weather and corrosion resistant, the Sig-Tech® is designed to function in the most demanding onshore or offshore environments. With a multitude of signaling mechanisms, there is a model to meet almost any need. Some of which include a flag indicator, electrical indicator and a combination flag/electrical indicator. The electrical switch is offered standard with 316SS construction.

The Sig-Tech® signaler does not require any adjustments after installation. The boss is designed per wall thickness requirements and set to the correct intrusion depth. The signaler is design to be compatible with other popular brands and can be installed using equivalent tools.

Another high-quality product from Sypris® Technologies - Tube Turns Products. Contact us today with your requirements and ask about other options that are available, specific to meet your needs.



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Sig-Tech®

Intrusive Pig Signaler



7 X XX X - XX X X

Pipe Connection	
7	Intrusive

Mounting Connection Type	
0	Boss Mounted*
1	Flange Mounted
2	No Boss

Pipe Size and Wall Thickness	
00	No Connection
01	3"ns 0.062" to 0.124" wall (4.375" long)
02	3"ns 0.125" to 0.188" wall (4.25" long)
03	3"ns 0.189" to 0.375" wall (4.125" long)
04	3"ns 0.376" to 0.562" wall (4" long)
05	3.5"ns 0.125" to 0.188" wall (4.25" long)
06	3.5"ns 0.189" to 0.375" wall (4.125" long)
07	3.5"ns 0.563" to 0.75" wall (3.75" long)
08	4"ns 0.125" to 0.188" wall (4.25" long)
09	4"ns 0.189" to 0.375" wall (4.125" long)
10	4"ns 0.376" to 0.562" wall (4" long)
11	4"ns 0.563" to 0.75" wall (3.75" long)
12	5"ns 0.125" to 0.188" wall (4.25" long)
13	5"ns 0.189" to 0.375" wall (4.125" long)
14	5"ns 0.563" to 0.75" wall (3.75" long)
15	6">ns 0.125" to 0.249" wall (4.25" long)
16	6">ns 0.25" to 0.5" wall (4" long)*
17	6">ns 0.501" to 0.75" wall (3.75" long)
18	6">ns 0.751" to 1" wall (3.5" long)
19	6">ns 1.001" to 1.25" wall (3.25" long)
20	6">ns 1.251" to 1.5" wall (3" long)
21	6">ns 1.501" to 1.75" wall (2.75" long)

Seal Material	
1	Viton*
2	Low Temp Viton
3	HNBR
4	NBR

Boss/ Flange Material	
0	No Boss
1	A333 Gr.6/ API 5L X52*
2	316SS
3	Flange - A350 LF2
4	Flange - A182 F316

Indicator Extension Length (ft)	
00	No Indicator Extension*
01	1' Indicator Extension
02	2' Indicator Extension
03	3' Indicator Extension
04	4' Indicator Extension
05	5' Indicator Extension
06	6' Indicator Extension
07	7' Indicator Extension
08	8' Indicator Extension
09	9' Indicator Extension
10	10' Indicator Extension
11	11' Indicator Extension
12	12' Indicator Extension

Indication Type	
F	Flag*
E	Electric
D	Dual Indicator

- Indicates Standard Offerings