



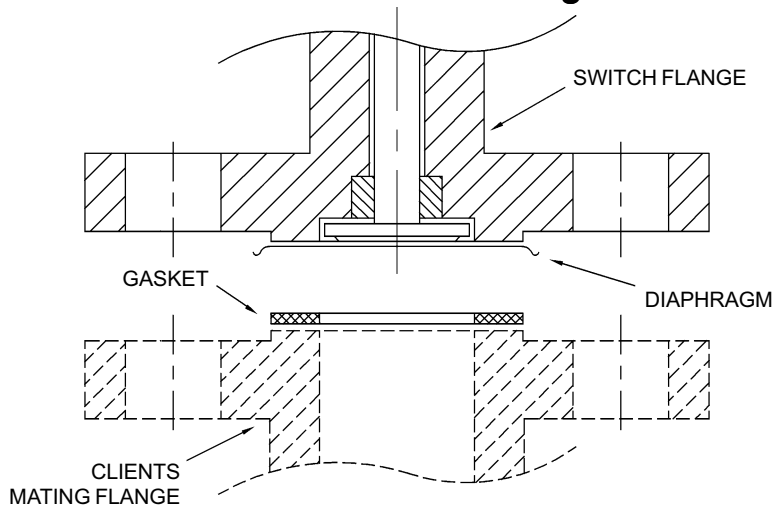
SPECIAL PROCESS OPTIONS

SERIES 700

DIAPHRAGMS, CHAMBER MATERIALS & CONNECTIONS



Process Isolated Flange



MANUFACTURED IN THE U.K.

HNL's Series 700 Pressure and Differential Pressure switches are available with a wide range of standard process options. This range is complemented by the following additional options –

■ EXOTIC MATERIALS FOR WETTED PARTS

In any pressure switch there are a number of items, including the diaphragm and process chamber, that are in contact with the process and clearly these 'wetted parts' must be manufactured from materials compatible with the process.

Should HNL's standard wetted parts options not prove suitable the solution may be in our list of 'exotic' wetted parts which includes Monel and Tantalum diaphragms together with Hastelloy, Incoloy or Titanium chambers.

■ NON-STANDARD PROCESS CONNECTIONS

As an instrument manufacturer HNL can produce process chambers with almost any process connection that you require. They are available with parallel or tapered threads, in either male or female (internal). We can provide your site standard thread and minimise your requirement for fittings.

■ WIDE RANGE OF FLANGES

As an alternative to a threaded connection on your pressure switch, HNL can provide a wide selection of flanged switches for direct mounting. Typically this would allow the switch to be directly mounted on a vessel or pipeline without the need for fittings or small bore piping. It is particularly suitable for viscous or contaminated processes that may cause blockage of the piping to the switch.

■ PROCESS ISOLATED FLANGE OPTION

This arrangement (see drawing) provides the advantages of a flanged connection but in addition minimises the requirement for exotic process wetted parts by preventing contact between the flange and the process. This can often be used as an alternative to expensive filled systems.

N.B. If the option you require is not listed please contact HNL Sales Support – we have the pressure switch for your application.

QUALITY ASSURANCE

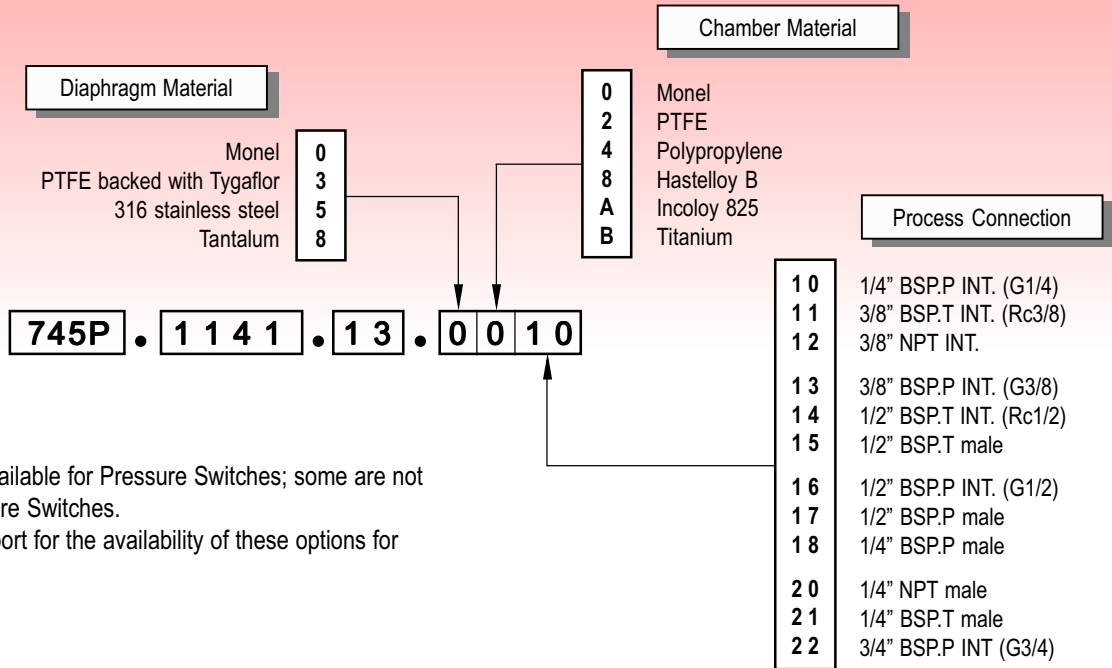
Designed and manufactured by HNL in accordance with BS EN ISO 9001:2000.





SERIES 700 SPECIAL PROCESS OPTIONS SPECIFICATIONS & CODING

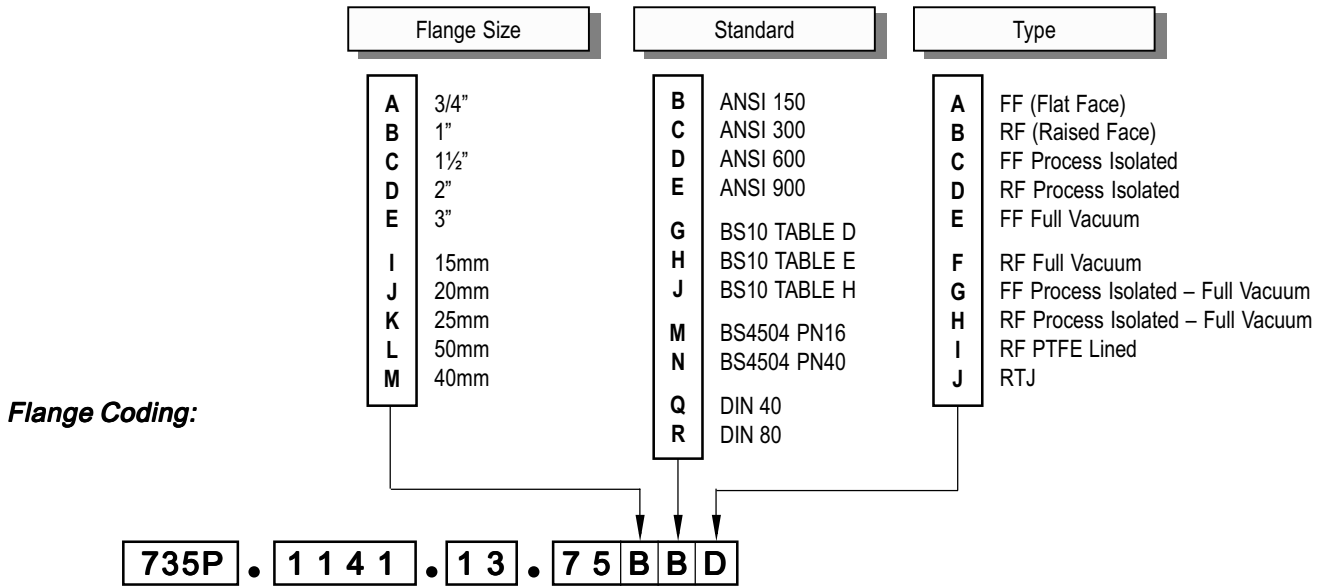
Specials Coding:



Notes:
All of the options shown are available for Pressure Switches; some are not available on Differential Pressure Switches.
Please consult HNL sales support for the availability of these options for the switch range you require.

FLANGES

HNL manufactures a wide range of process flanges from a selection of standard and exotic materials. Flanges are coded with three digits following the diaphragm and chamber material codes. e.g. a 75BBD is a stainless steel, 1" ANSI 150, Raised Face Process Isolated Flange with a Hastelloy C diaphragm.



Flange Coding:

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HNL Engineering Ltd comprises three Divisions offering a wide range of products & services which includes:

Instruments & Controls

Pressure, DP and Temperature Switches & Transmitters. Rotary and linear positioners. Flow regulators & Bubblers. Control Systems.

Precision Machining

Turning, Milling, Drilling, Tapping, Sawing, Welding, Painting, Anodising. From small to large batch sizes in a wide range of materials.

Manifolds & Valves

Wide range of distribution manifolds in both anodised aluminium and stainless steel. Stainless steel ball valves.

The information contained in this data sheet may be changed without notice.