

HYDROGEN / BRINT TRYKTRANSMITTER

ESI - HP1000H

HP1103HEXH2000DE

High Pressure Transmitter for hydrogen



- Kompatibel til brug i hydrogenbaserede miljøer
- Testet til ISO 1114-2:2017 i henhold til EC79/2009 og EU406/2020
- Trykområder op til 5.000 bar
- Høj modstand mod overtryk og tryktransienter

PRODUKTBESKRIVELSE

Several different applications require hydrogen-compatible transmitters and transducers, including hydrogen refuelling, hydrogen engines, marine vehicles, hydrogen fuel cells, and laboratory environments.

Using hydrogen as a source of energy can dramatically reduce the amount of CO₂ emissions and make it more affordable, secure, and cleaner.

In order to fulfil this commitment ESI offers a product range which combines versatility and environmental friendliness with the same exceptional performance and stability for which they are known for.

The ESI Hydrogen range uses Titanium alloy measurement cells and wetted parts, which have successfully passed hydrogen compatibility testing according to ISO1114-2:2017 and European Regulations EC 79/2009 and EU 406/2010.

Available options include ATEX and IECEx approved version for explosion protection for flammable gases (zone 0), dusts (zone 20) and mining areas (group I M1) and/or Marine version complying with DNV GL rules for classification of ships, high speed & light craft and DNV GL offshore standards.

SPECIFIKATIONER

Forsyningsspænding	10-36 V DC
Godkendelser	ATEX, IECEx
Signaltype	4-20 mA
Trykområde max	2000 bar
Trykområde min	0 bar
Tryktilslutning	Autoclave hun