

SIEMENS

Ingenuity for life



Process Instrumentation

More robust than ever: Our SIPART PS2

The flameproof stainless steel enclosure is
the newest member of the positioner family

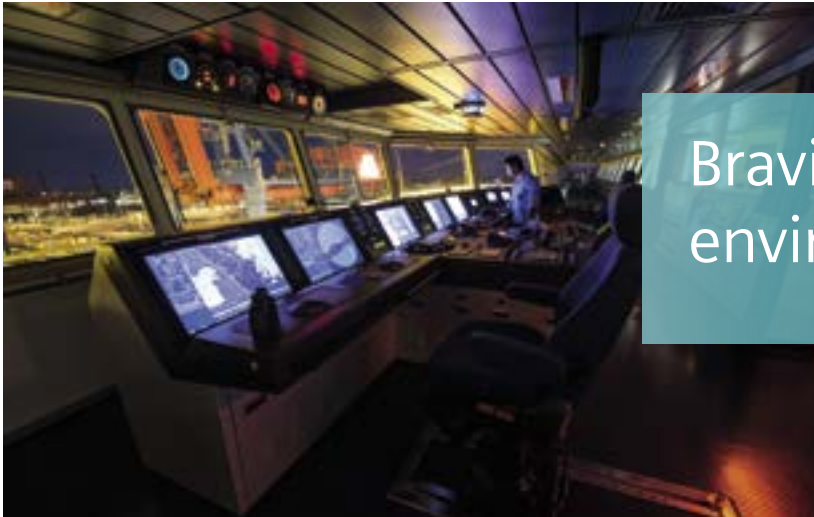
[siemens.com/positioner](https://www.siemens.com/positioner)



SIPART PS2 is currently the most widely used positioner for linear and part-turn actuators in a broad range of process industries. This is not without reason. The proven all-rounder offers comprehensive functionality and diagnostics, controls a variety of valves both safely and dependably, and fulfills a multitude of highly specific requirements.

And now it is also available for harsh environments in a flameproof 316L stainless steel enclosure.

[Welcome to the next level!](#)



Braving the harshest environments

The new stainless steel XP/Ex d housing of our positioner is made for harsh operating environments, including the oil & gas and marine industries.

Technical data

Enclosure	316L / IP66 / NEMA Type 4X / IPX9K
Weight	8.4 kg / 18.5 lb
Elastomer	Fluor Silicon, NBR (shaft sealing)
Temperature	-40°C...+80°C
Set point signal	4-20 mA, HART, PROFIBUS PA, FOUNDATION Fieldbus
Stroke range	10 to 130 mm
Rotary angle range	30° to 100°

Approvals

CSA	XP / I / I / CD / T6/T4 XP / I / I / IIC DIP / II, III / I / EFG / T6/T4 DIP / 21 / I / IIIC
FM	XP / I / I / ABCD / T6/T4 XP / I / I / AEx d / IIC DIP / II, III / I / EFG / T6/T4 DIP / 21 / I / AEx tb / IIIC
IECEX	Ex d IIC T6/T4 Gb Ex tb IIIC T100°C Db
ATEX	II 2 G Ex d IIC T6/T4 Gb II 2 D Ex tb IIIC T100°C Db
Marine	(DNV-GL) Det Norske Veritas & Germanischer Lloyd; (LR) Lloyds Register; (BV) Bureau Veritas; (ABS) American Bureau of Shipping; (KR) Korean Register of Shipping
cULus	Certified for general safety requirements Process control equipment

The new PS2 XP/Ex d stainless steel positioner is made specifically for near-shore, offshore and explosive oil & gas applications.

Thanks to its robust 316L stainless steel housing, the positioner can withstand harsh environments and has an optional temperature range of -40 to +80°C. It is designed for use in explosive atmospheres containing gas or dust and is certified with all important worldwide approvals. Operation in near- and offshore applications is approved by different marine societies. And do not forget that the positioner is also cULus listed.

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