

OPOS[®] interface



ARCA
VALVES
*quality engineered
control valves*

OPOS® interface

The OPOS® interface is an innovative standard interface for the reliable and efficient connection of an intelligent positioner and a linear or part-turn pneumatic actuator. The benefits provided by the interface are: reduced mounting costs, reduced spare parts inventory, increased reliability and stability as well as the ability to safely replace the positioner during operation by means of integrated interlocking. This also particularly applies to safety-related applications.



As there is no piping between the positioner and the actuator and as the pressure gauges are mounted on the actuator, installation can be performed with minimum effort and at low cost. The standard interface is vendor-independent and offers users maximum flexibility where the selection of products is concerned. The OPOS® interface is innovative, simple, cost-effective, rugged and safe in plant operation.

The determination of SIL rating for a control valve is the combination of «failure probability» of all components combined. The OPOS® interface improves the SIL rating of the complete valve package by reducing the number of mechanical components and connections between the intelligent positioner and the actuator, increasing the total reliability of the system.

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