

Masoneilan* 496 Series Position Switches and Transmitters

fact sheet

Flexibility In Monitoring Control Valve Stroke Position

Overview

The 496 Series devices are used for indicating positions in the stroke of a control valve on which they are mounted. The detection can be either on-off, in which the housing is fitted with micro-switches or proximity detectors, or continuous, in which the housing is fitted with an opto-electronic unit. Both functions, on-off and continuous, can be combined.

These devices may be mounted on rotary valves such as Camflex* II, MiniTork* II, or V-Max*, or on linear motion valves such as the series 21000 and 41005.

The body and cover are made of epoxy-painted anodized aluminum. These devices can be explosion-proof and dust- and water-tight in accordance with ATEX 94/9/EC Directive.

Some of them are intrinsically safe. (See the following pages for details.) The absence of mechanical contact in the proximity detectors and the opto-electronic position transmitters produces:

- almost complete insensitivity to vibrations and electrical interference,
- very low operating friction,
- virtually infinite operating life.

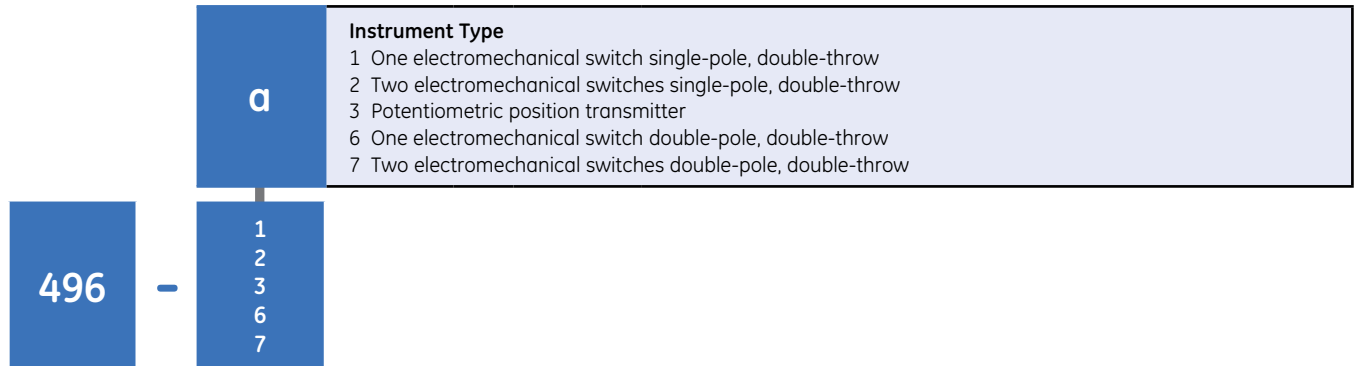


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Numbering System

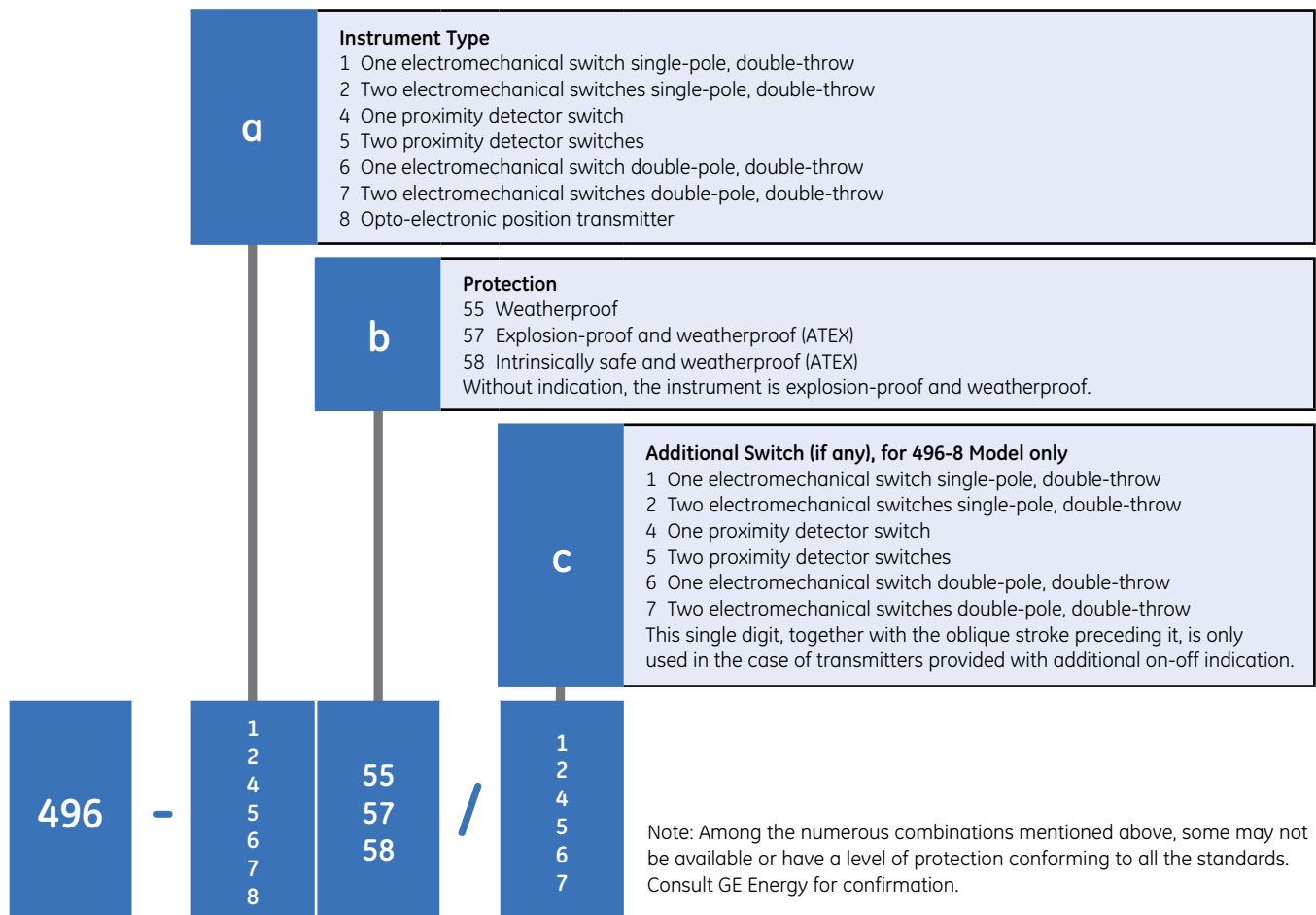
US design

Series Identification 496-a



European design

Series Identification 496-ab/c



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