

# 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.

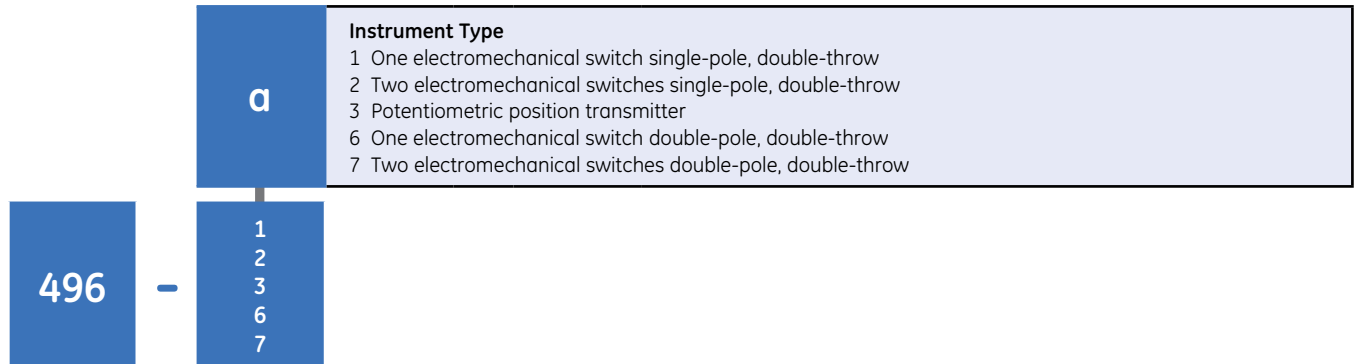


# fact sheet

## Numbering System

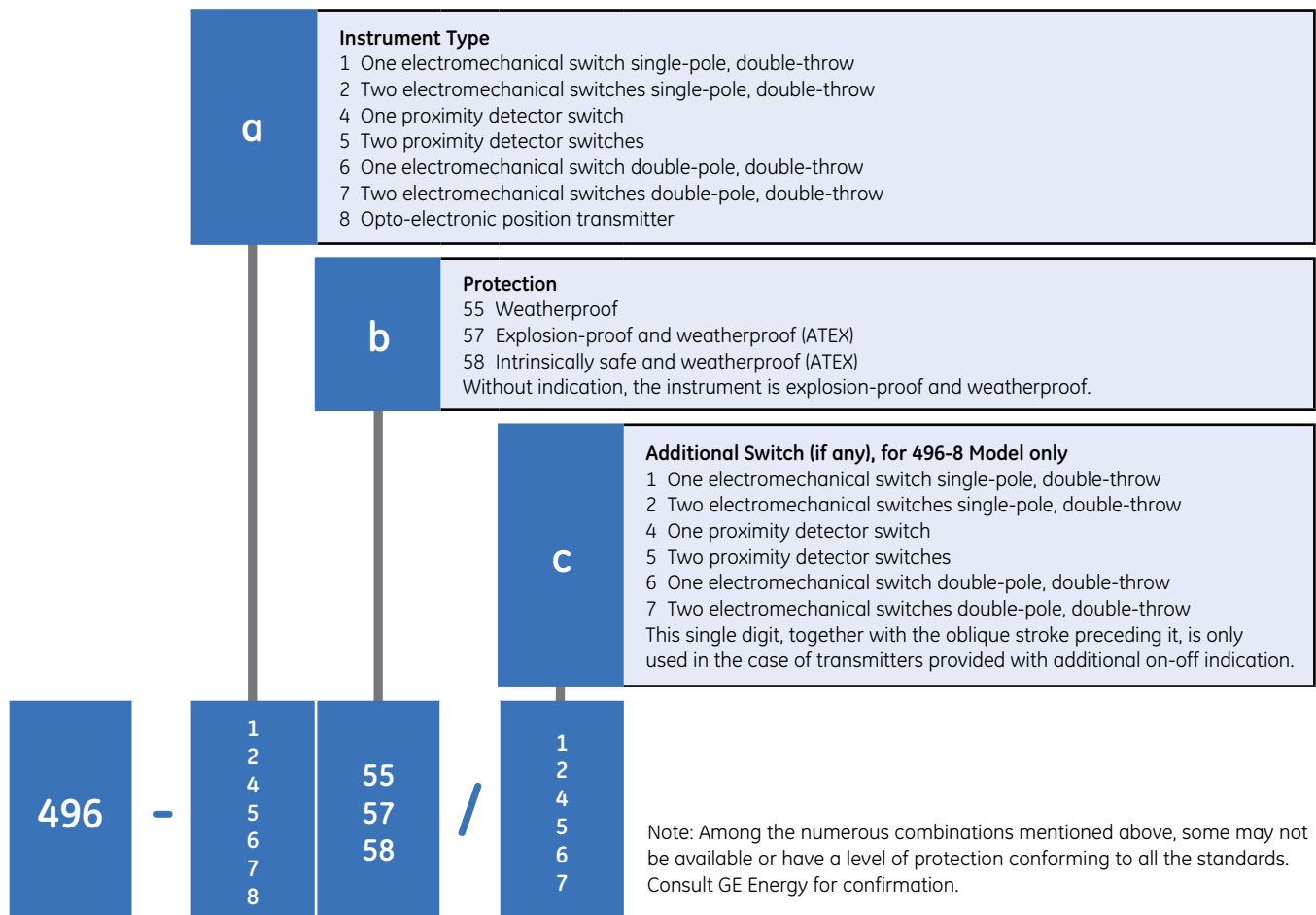
### US design

### Series Identification 496-a



### European design

### Series Identification 496-ab/c



\* Masoneilan, Camflex, MiniTork and V-Max are registered trademark of the General Electric Company.  
 © 2012 General Electric Company. All rights reserved.  
 Other company names and product names used in this document are the registered trademarks or trademarks of their respective owners.