

# ROBUST AND DURABLE

CLICK-ON® THE EASY TO INSTALL OR REPLACE  
COIL WITHOUT TOOLS

LONG  
SERVICE  
LIFE



**IMI** Precision  
Engineering

SIMPLE AND  
COMPACT  
INSTALLATION



**What was once actually the name of a simple yet effective fastening technology for solenoids has developed over the course of time in to a complete valve range – the Click-on® dry solenoid system.**

A clip made from stainless steel, which is joined captively to the valve housing, holds the solenoid securely in place, irrespective to the mounting position. A manual intervention is sufficient to fasten or replace the solenoids, with no need for tools.

The Click-on® solenoid system is available for all standard voltages as well as for numerous special voltages also with EEx or CSA approval.

When developing the Click-on® system, the valves equipped with this were also optimised further. Modern materials such as PVDF were used, new diaphragm and piston designs resulted, flow rates and wall thickness were optimised.

The range features market leading attributes including an anti-water hammer feature as standard on both indirect (valves needing pressure differential) and force lift (valves not requiring pressure differential). In addition, the

indirect Click-on® valves offer low watt coils and lowest pressure drop requirement in the market; only 0.1 bar pressure differential is needed for operation whereas competitor equivalents typically require 0.3 bar minimum pressure differential to operate.

#### Product Highlights:

- Suitable for use with all gases and liquids as well as versions available of oils, hot water and steam
- Temperature range: -10°C to 150°C
- Pressure of 0 to 16 bar as standard
- Click-on® piston valve ranges (85360, 85380, 85390) suitable for 0-200 bar and -20°C to +200°C
- Captive retention clip made from stainless steel
- Valve core tube completely sealed
- Can be rotated through 360°
- Cannot be over tightened
- Housing made from brass or stainless steel
- 1/4... 2 (ISO G/NPT) port size options

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**0121 508 6000**



Let's make industry work better

**ERIKS**

# ROBUST AND DURABLE

Helping our customers reduce their **Total Cost of Ownership** and make sustainable **SAVINGS**



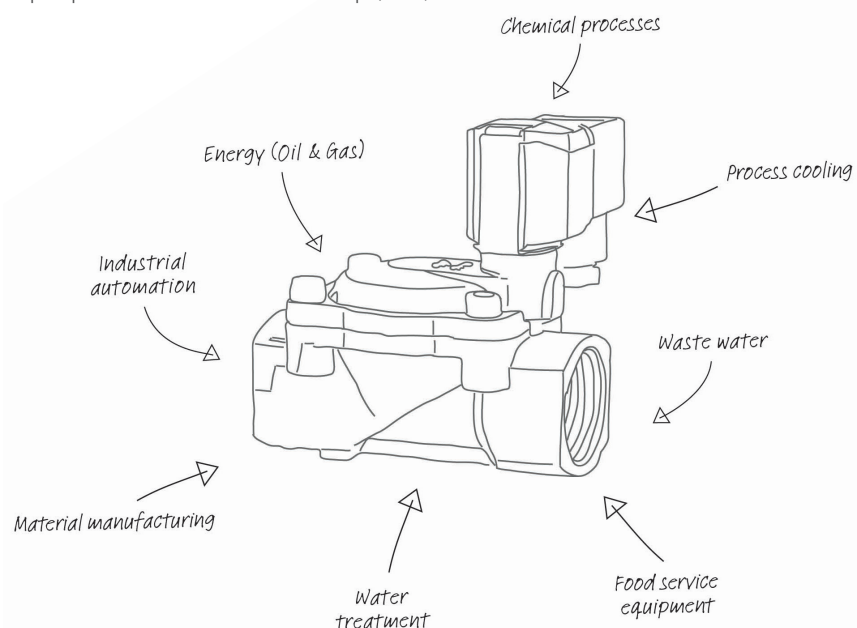
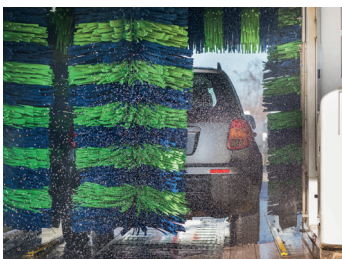
## Water hammer prevention is a standard feature

IMI Buschjost leads the industry with a wide range of pilot operated solenoid valves.

Water hammer, also called fluid hammer or hydraulic shock, creates a pressure spike in a pipe system that can damage seals, gauges, pipes and fittings – virtually anything upstream. IMI Precision Engineering addresses the problem of water hammer at the source – the valve. Our superior solenoid valves are proven to reduce pressure spikes by more than 80 %, compared to the competition.

### Benefits of IMI Buschjost valves

- Reduces pressure spikes up to 15 times less than the competition
- Reduce system costs by eliminating:
  - Pressure regulation
  - Shock absorbers
  - Check valves
  - Accumulators
- Helps optimise total cost of ownership (TCO)



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