

ACS – ICS control units

The operating conditions are given for information. Some combinations of extreme operating conditions are not always suitable. It is highly recommended to ask for advice from our technical department.



FEATURES

OPTIMISED APPLICATION

- A modular design
- Easy handling
- A user-friendly interface
- Quick-fitting electric and pneumatic connections

ADDITIONAL FUNCTIONS

- A relief valve
- Optional linear sensor to detect plug operations
- Various electronic modules
- Easy assembly and disassembly
- Remote view to indicate the status of the valve

NEWS

- Simplified air circuit
- Threaded pneumatic connections on the base of the control top

2 RANGES FOR ALL TYPES OF VALVES

■ ACS (Advanced Control System)

The ACS control top covers:
 DPAX range of butterfly valve from DN 25 to DN 150
 DCX range of changeover valve from DN 25 to DN 150
 DMX range of diaphragm valve from DN 25 to DN 50
 VDCI MC range of mixproof valve from DN 38 to DN 150

■ ICS (Integrated Control System)

The ICS control top covers:
 DPAX range of butterfly valve from DN 25 to DN 150
 DCX range of changeover valve from DN 10 to DN 80
 DMX range of diaphragm valve from DN 25 to DN 50



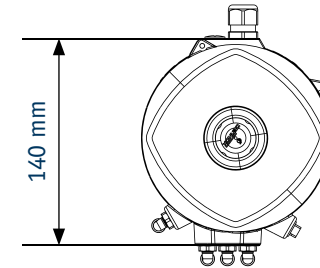
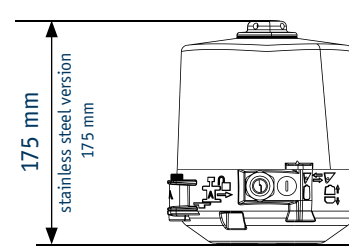
TOR sensors



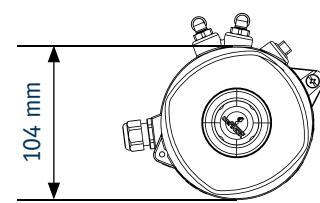
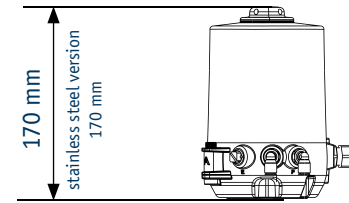
Linear sensor

Accurate detection

Unit
ACS



Unit
ICS



For choice

SPECIFICATIONS	ACS unit	ICS unit
Stainless steel cover	Yes, optional	Yes, optional
Relief valve	Yes	Yes
Point-to-point connections	24-48V AC/DC	24-48V AC/DC
Multi-voltage modules	PNP/NPN retro data	PNP/NPN retro data
AS-i connections	AS-i 2.1 or AS-i 2.0	AS-i 2.1 or AS-i 2.0
Sensors	2 TOR sensors with fine adjustment or 1 linear sensor	2 TOR sensors
Linear sensor	Resolution 0.2 mm Manual calibration Stroke 80 mm	No
External sensor	Yes	No
Electrical consumption (1 SV and 1 sensor activated)	< 100 mA for AS-i < 80 mA for 24V DC	< 100 mA for AS-i < 80 mA for 24V DC
Solenoid valves	1 to 3 SV 3/2 or 1 SV 5/2 (24V DC)	1 SV 3/2 (24V DC)
Pneumatic functions	NC - NO and DA	NC - NO
Pneumatic connections	Quick 4/6	Quick 4/6
Air quality	Dry air filtered to 10µm 500 to 700 kPa (5 to 7 bar)	Dry air filtered to 10µm 500 to 700 kPa (5 to 7 bar)
Operating temperature	0°C/+ 32°F to + 70°C/+ 158°F	0°C/+ 32°F to + 70°C/+ 158°F
Protection index	IP67	IP67

