

MODEL OVERVIEW



CO₂

Version	SPG 501_001	SPG 501_004	SPG 501_005	SPG 501_007	SPG 501_009	SPG 501_003	SPG 501_006	SPG 501_008
Product name	SMART PRESSURE GATE Standard	SMART PRESSURE GATE FC – 4...20mA	SMART PRESSURE GATE FC – 0...10V	SMART PRESSURE GATE FC – 0...5V	SMART PRESSURE GATE FC – 0...10V	SMART PRESSURE GATE Standard – CO ₂	SMART PRESSURE GATE FC – 4...20mA – CO ₂	SMART PRESSURE GATE FC – 0...10V – CO ₂
Connection thread (welded)	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4	G1/4
Refrigerants	R134a, R404a, R407c, R22, R407f, R410a, R448, R449, R507	R134a, R404a, R407c, R22, R407f, R410a, R448, R449, R507	R134a, R404a, R407c, R22, R407f, R410a, R448, R449, R507	R134a, R404a, R407c, R22, R407f, R410a, R448, R449, R507	R134a, R404a, R407c, R22, R407f, R410a, R448, R449, R507	R744 (CO ₂)	R744 (CO ₂)	R744 (CO ₂)
Pressure range	LP: -1...+19 bar / -14...+275 psi HP: 0...50 bar / 0...725 psi Accu- racy: 0,5 % FS	LP: -1...+19 bar / -14...+275 psi HP: 0...50 bar / 0...725 psi Accu- racy: 0,5 % FS	LP: -1...+19 bar / -14...+275 psi HP: 0...50 bar / 0...725 psi Accu- racy: 0,5 % FS	LP: -1...+19 bar / -14...+275 psi HP: 0...50 bar / 0...725 psi Accu- racy: 0,5 % FS	LP: -1...+19 bar / -14...+275 psi HP: 0...50 bar / 0...725 psi Accu- racy: 0,5 % FS	LP: 0...60 bar HP: 0...160 bar Accuracy: 1 % FS	LP: 0...60 bar HP: 0...160 bar Accuracy: 1 % FS	LP: 0...60 bar HP: 0...160 bar Accuracy: 1 % FS
Replacing HP + LP gauges	✓	✓	✓	✓	✓	✓	✓	✓
Replacing* double pressure switch	✓	✓	✓	✓	✓	✓	✓	✓
Replacing 2 single pressure switches (up to 2 fans On/Off function)	✓	✓**	✓**	✓**	✓**	✓	✓**	✓**
Modbus RS485	✓	✓	✓	✓	✓	✓	✓	✓
Replacing HP + LP transmitter 4...20 mA	✗	✓	✗	✗	✗	✗	✓	✗
Replacing HP + LP transmitter 0...10 V	✗	✗	✓	✗	✓	✗	✗	✓
Replacing HP + LP transmitter 0...5 V	✗	✗	✗	✓	✗	✓	✗	✗
Direct fan speed control for EC fans	✗	✗	✓	✗	✓	✗	✗	✓
Capacity control inverter	✗	✗	✗	✗	✓	✗	✗	✗

*This is not a safety device.
The system must absolutely be equipped additionally with a mechanical safety pressure switch.
**Only 1 fan in ON/OFF function