

GASTEL

FUNCTIONS



Local and remote monitoring system

Typical application:
-Local and remote monitoring for industrial compressed gases

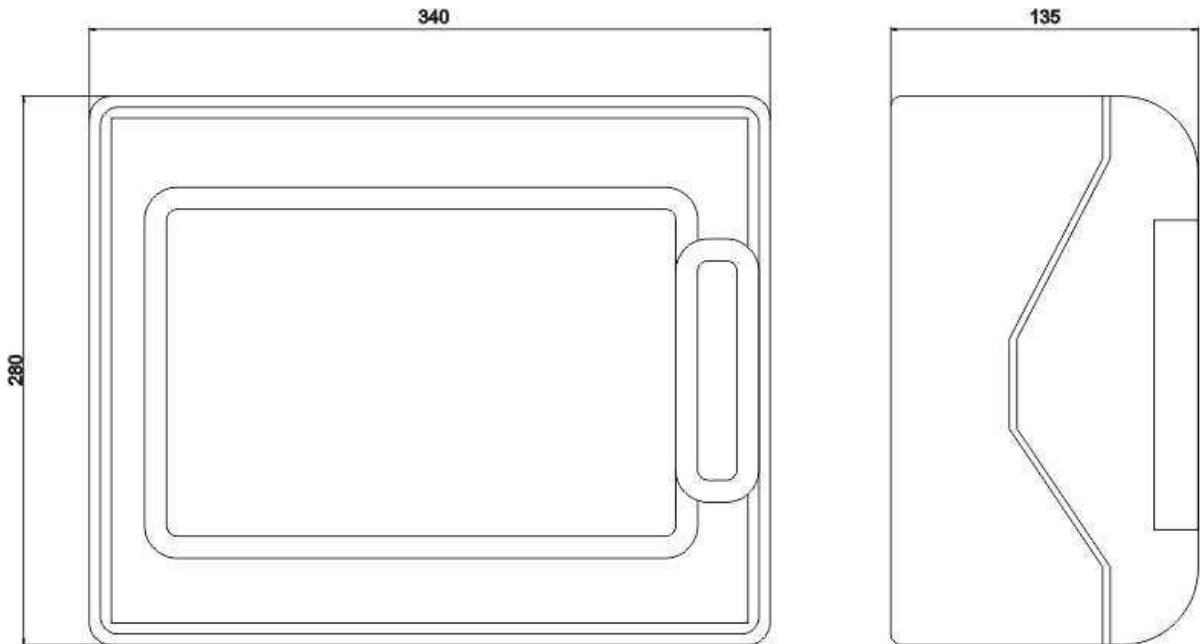
- Local and remote monitoring for measures, status and alarms with associated ID
- Wide display of 4 lines x 20 characters with led backlight
- Yellow and red alarm light for emergency and alarm status
- Alarm acoustic signal with acknowledge pushbutton (Alarm ACK)
- Alarm recovery time programmable by the user
- Programming by encoder on the front panel
- Fast monitoring of all measurements by pushbutton on front panel
- Visual indication of communication in progress and fault conditions
- Two auxiliary output switches for remote emergency and alarm signalling
- Remote data transmission about alarms and measurements by integrated GPRS modem with interfacing to CrioSystem Supervisor

TECHNICAL SPECIFICATION

Power supply	230 V ac 50/60 Hz., P max. 5 VA, fuse 0,5 A
Visual indication	Display 4 lines x 20 characters, backlight Alarm, Ø 20 mm, yellow Emergency, Ø 20 mm, high efficiency, red Fail, Ø 5 mm, red Communication, Ø 5 mm, yellow
Alarm sound	Magnetic speaker, volume adjust up to 95dB @ 1 meter
Inputs	8pcs. analog inputs 4-20 mA: -Compatibility: 4-20 mA transmitters -Maximum voltage (open circuit): 24 Vdc –Short circuit current: 25 mA -Minimum voltage @ I = 20 mA: 16 Vdc -Short circuit current: 25 mA -Resolution: 10 bit
Auxiliary output switches	2pcs. V max.= 250 Vdc/Vac, I _{max} = 1mA, N.C. or N.O. operations
Housing	PVC white for wall mounting, dim. 340x280x135 mm, waterproof degree IP65
Communication card	Integrated GPRS modem
Weight	4.100 gr.
Operating Temperature	0...65°C
Reference standards and directives	2006/95/CE, 2004/108/CE, 1999/5/CE CEI-EN50081-1, CEI-EN50082-1 EN61000-6-1, EN61000-6-3

Data Sheet

OUTLINE



ORDERING INFORMATION

Code	Description
0001-18-001	GASTEL: Local and remote monitoring system for industrial compressed gas storages