

VOC Gas Detector PID type Model CS-P701



CS-P701 - LCD Display

*EASE AT INSTALLATION AND MAINTENANCE
FLEXIBLE FOR INDUSTRY STANDARD PROTOCOLS
THE RIGHT CHOICE FOR YOUR GAS DETECTION APPLICATION*

VOC Gas Detector – PID type

CS – P701

The CS-P701 is full-featured MODBUS RS485 and 4-20mA, loop powered transmitters especially designed for comprehensive ranges of VOC gas detection. The interface enables the detector to be calibrated and operated with the explosion-proof enclosure in place. Universal electronics and user-friendly features make the CS-P701 ease of maintenance, cost effective, and suitable for various industries.

Features

Automatic / manual zero calibration, manual zero calibration on site

Equipped with many selectable functions

With self-cleaning function, the detector can wash away the pollutants in the sensor through the circulation of clean air, which ensures the measurement accuracy of the sensor, thereby reducing the workload of on-site maintenance.

PRODUCT SPECIFICATION	
SPECIFICATIONS	
Operating Voltage	DC9V to DC36V (Max current 125mA @DC24V)
Power Consumption	< 3.0 Watts
Enclosure Material	Aluminum
Enclosure Ingress Protection	IP 67
Terminal Junction Box Connection	3/4" NPT
Communication	4–20 mA, MODBUS RS485
Response Time	T90:<20S(Isobutene)
Alarms	Programmable alarms
Relays	3A 250VAC, 3A 30VDC
Display	LCD Screen Display indicates status Normal, Fault, Low Alarm, and High Alarm Display provides simple, intuitive calibration instructions and guides user through the calibration
Languages	English
ENVIRONMENTAL	
Operating Temperature	-40° to 55° C
Humidity	(0-98)% RH (non-condensing)
Storage Temperature	-55° to 70° C
APPROVALS	
Area Classification	Ex d IIC T6 Gb / Ex tD A21 IP66 80°C
INSTALLATION	
Weight	3.5 kg
Wiring	3-wires
SENSOR SPECIFICATION	
Sensor Type	PID

The CS-P701 is available in full-range of VOC gases:

Acetaldehyde	Benzyl chloride	Cyclohexylamine	Ethyl amine
Acetone	Biphenyl	Diacetone alcohol	Ethyl benzene
Acrolein	Carbon disulfide	Dicyclopentadiene	Ethyl mercaptan
Acrylic Acid	Chlorine dioxide	Diisopropylamine	Ethylene glycol
Allyl alcohol	Chlorobenzene	Dimethylformamide	Ethylene oxide
Ammonia	Crotonaldehyde	Diphenyl ether	Furfural
Amyl alcohol	Cyclohexane	Epichlorohydrin	Furfuryl alcohol
Aniline	Cyclohexanol	Ethanolamine	Hydrazine
Benzene	Cyclohexanone	Ethyl acetate	Hydroquinone

Note: Other gas and ranges are available upon request.

Distributed By:



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