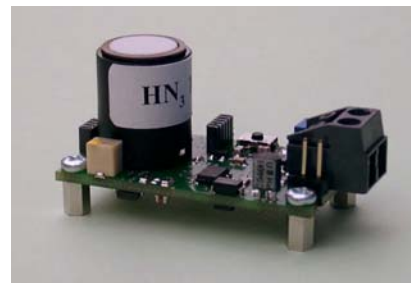


Gas Transmitter

ECS-series

Output:	4 ... 20 mA 2 wire loop powered 40 ... 200 mV
Minimal Resolution:	0.01 mA
Maximum Loop Load:	700 Ohms
Supply voltage:	10 to 30 V DC
Linearity error:	\pm 2% F.S.
Repeatability:	\pm 2% F.S.
Protection:	Reverse polarity protection
Optional Zero Adjust:	Button press (compensates negative or positive offsets)
Recalibration:	Button press for full scale adjustment (span gas concentration), Optional manual calibration via potentiometer
Temperature Range:	-40 ... +50 °C (transmitter board) For sensor operating conditions please see sensor data sheet.
Temp. Compensation:	-40 ...+50°C via temperature sensor and microprocessor if applicable by sensor specification.
Humidity range:	10 ... 95%RH, non-condensing
Special features:	10 Ohms on board for voltage output (200mV = 20mA), Four mounting holes (3 mm)



Odering code example

ECS-HN3 : Gas transmitter for ammonia

Detectable Gas

ECS-series สามารถตรวจจับgasได้หลายชนิด ขึ้นอยู่กับgas sensor ชนิดไฟฟ้าเคมีที่มีความแม่นยำสูง ที่ติดตั้งบนบอร์ดดังนี้

H ₂ S	Hydrogen Sulfide
CO	Carbon Monoxide
H ₂	Hydrogen
Cl ₂	Chlorine
AsH ₃	Asine
SiH ₄	Silane
HCL	Hydrogen Chloride
HF	Hydrogen Fluoride
F ₂	Fluorine
HCN	Hydrogen Cyanide
COCl ₂	Phosphine
NH ₃	Ammonia
NO	Nitric Oxide
NO ₂	Nitrogen Dioxide
N ₂ H ₄	Hydrazine
O ₃	Ozone
TBM	Mercaptane
THT	Tetrahydrothiophene
CLO ₂	Chlorine Dioxide

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