



Customized products for your needs

In addition to standardized products, the Symaro portfolio from Siemens can also be adapted to your requirements to create the products you need. Please feel free to contact us, we can provide you flexible and efficient help for your OEM sensors.

Highlights

- More than 60 years of experience and know-how
- Innovation thanks to concentrated development
- Optimized sensors for demand-related OEM applications
- Global approvals
- Customized versions thanks to the flexibility to adapt standard products

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The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract. The document contains a general product overview. Availability can vary by country. For detailed product information, please contact the company office or authorized partners.

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SIEMENS



Symaro OEM

Sensors with measurable quality for HVAC equipment manufacturers



Simply a better way to measure

Symaro™ sensors from Siemens offer a complete range of OEM sensors for primary and secondary HVAC applications.

The portfolio reflects more than 60 years of experience developing and producing sensors. They are highly reliable and designed for simple, standardized, cost-saving installation with minimal cabling effort and fast start-up.

Symaro OEM sensors are based on the standard portfolio and comply with all international standards such as CE, UL, C-Tick and RoHS.

Finally, we continue to invest heavily in research and development of new technologies, creating new products and solutions that are also part of our OEM portfolio. We offer customized products that are tailored not only to individual requirements but also to the requests and specifications of our OEM customers worldwide.



Temperature

QAM9020.200



The duct temperature sensors are offered in 2 m and 4 m versions. Manufacturers of ventilation and air conditioning plants can use the sensor as a supply or extract air temperature sensor.

QAM9120.040



The duct sensors are for use in control loops for ventilation and air conditioning plants. One application is to use them as supply and extract air sensors. They can also be used as limited sensors for the air supply. Other use cases are as measuring sensors or in connection with a building automation system.

	QAM9020.200	QAM9120.040
Output	LG-Ni1000	LG-Ni1000
Range	-35 to 100 °C	-50 to 80 °C
Length	2 and 4 m	0.4 m
MOQ	100 pieces, 2 m version 50 pieces, 4 m version	100 pieces
Optional	MOQ 25 pieces	AQM9020 Mounting flange

Humidity

QFA9060



The room humidity sensors can be used in ventilation and air conditioning plants to acquire the relative humidity and temperature in rooms. They can also be used as control measuring sensors for building automation, control systems or indicating units.

QFM9160



The duct sensors are designed to be used in air ducts of ventilation and air conditioning plant for acquiring the relative humidity and the air temperature. The sensors can be used as control, reference and limit sensors.

	QFA9060	QFM9160
Output	0 to 10 V	0 to 10 V
Humidity	0 to 95%	0 to 95%
Temperature	-40 to 70 °C	-40 to 70 °C
MOQ	120 pieces	100 pieces
Pack size	60 pieces	20 pieces

Pressure

QBE9002-P..U



The QBE9002-P..U line has three different measurement ranges, suitable for the measurement of relative pressure in HVAC systems using liquids, gases and refrigerants, including ammonia. These sensors have an inside thread 7/16-20 UNF with M12x1 connector.

QBE9103-P..U



These sensors are designed to work with all media, including ammonia. The main applications are hydraulic and refrigeration systems. The sensors have an internal thread 7/16-20 UNF with a swift connector plug and they are delivered without cable.

	QBE9002-P..U	QBE9103-P..U
Output	0 to 10 V	4 to 20 mA
Pressure	-1 to 9, 24 and 59 bar	-1 to 9, 29 and 59 bar
Temperature	-40 to 135 °C	-40 to 135 °C
MOQ	100 pieces	100 pieces
Pack size	25 pieces	25 pieces

Pressure

QBE9001-P10, -P16, -P25



The pressure sensor series is suitable for the measurement of static and dynamic positive pressure in HVAC facilities, particularly in hydraulic and pneumatic systems, using liquid or gaseous media, including ammonia. The sensor has an external thread G1/2" with a swift connector plug.

	QBE9001-P..
Output	0 to 10 V
Pressure	0 to 10, 16 and 25 bar
Temperature	-40 to 135 °C
MOQ	100 pieces
Pack size	25 pieces