

QMX3 Room Sensors for Siemens DXR Series Controllers



QMX3.P30/P40/P70
Sensing Only



QMX3.P02
Sensor/Room
Operator



QMX3.P34/P44/P74
Sensor with Full Display



QMX3.P37
Room Sensor/Operator
with Display

Description

The QMX3 Series includes sensors, switches and room operator units exclusively for use with Siemens DXR Series Controllers. The devices communicate with the controller using PL-Link protocols. All units can be installed on a standard 2" x 4" electrical box with no additional back plates required. No-logic versions are available for some units.

QMX3.P02

- Temperature sensor.
- Configurable touch keys for light and shade control.

QMX3.P30

- Temperature sensor.

QMX3.P34

- Temperature sensor.
- Backlit LCD display and touch keys for HVAC control.
- Green Leaf active energy management.

QMX3.P37

- Temperature sensor.
- Backlit LCD display and configurable touch keys for light and shade control.
- Green Leaf active energy management.

QMX3.P40

- Temperature and humidity sensor

QMX3.P44

- Temperature and humidity sensor
- Backlit LCD display and touch keys for HVAC control

QMX3.P70

- Temperature, humidity and air quality sensor.
- LED air quality indicator.

QMX3.P74

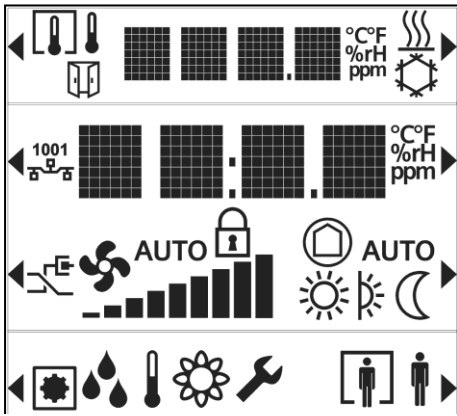
- Temperature, humidity and CO₂ sensor.
- Backlit LCD HMI and touch keys for HVAC control.
- Green Leaf active energy management.

Specifications*

Temperature	
Measuring range	32°F to 122°F (0°C to 50°C)
Accuracy	± 0.36°F @ 77°F (0.2°C @ 25°C)
Humidity (P4x and P7x)	
Measuring Range	0 to 95% rh
Accuracy	± 4% (20 to 80% rh)
CO ₂ (P70 and P74)	
Measuring Range	400 to 10,000 PPM
Accuracy < 2K ppm	± (30 ppm +4% measured CO ₂) @ 73°F (23°C) and 101.3 kPa
Temp. dependency	± 2 ppm/°C typical
Pressure dependency	0.14% of value/hPa
Long-term drift	± 20 ppm per year
Calibration	Not required
Operating voltage range	PL-Link DC 21 to 30V Max.
Power consumption	15 mA at 24 Vdc
Agency Listings	UL 916 FCC Part 15 CSA C22.2 #0 and #205
Color	White or black
Dimensions	5.25" x 3.5" x 0.71" (133.4 mm x 88.4 mm x 18 mm)
Shipping Weight	7.6 oz. (216 g)

*Accuracies shown are for sensing elements; actual system accuracy may vary.

Display (QMX3.P34 and QMX3.P74 Only)



NOTES:

- User-accessible values and settings will vary based on overall system configuration.
- Some values (for example, open window indicator, and outdoor air temperature) require additional

	Current Room Temperature/Humidity/Air Quality
	Indicates indoor or outdoor temperature (User-selectable).
	Indicates that a window is open.
	Heating/cooling mode indicator
	Green leaf indicates optimum settings are active. (One-touch resets to optimum setpoints.)
	Displays temperature setpoint (User-adjustable)
	Displays current fan speed (User-adjustable)
	Displays current room operating mode (User-selectable)
	Displayed value selector (RH/Temp/Air Quality) (User-selectable)
	Room occupancy indicator
	Start-up/commissioning mode indicators (See start-up and commissioning documents)
	Indicates parameters are locked

Product Ordering Information

Category	Model Number	Orderable Part Number	Temperature Sensor	Humidity Sensor	CO2 Sensor	Air Quality Indicator LED	Backlit Display and Touch Keys	Green Leaf LED	Configurable Touch Keys	Window for Labels	Color
Sensors	QMX3.P30*	S55624-H103-A*	•	-	-	-	-	-	-	-	White
	QMX3.P30-1WNB	QMX3.P30-1WNB	•	-	-	-	-	-	-	-	White (no logo)
	QMX3.P30-1BSC	S55624-H123	•	-	-	-	-	-	-	-	Black
	QMX3.P40	S55624-H116	•	•	-	-	-	-	-	-	White
	QMX3.P40-1BSC	S55624-H124	•	•	-	-	-	-	-	-	Black
	QMX3.P70	S55624-H104-A	•	•	•	•	-	-	-	-	White
	QMX3.P70-1BSC	S55624-H125	•	•	•	•	-	-	-	-	Black
Room Operator Units	QMX3.P02	QMX3.P02	•	-	-	-	-	-	•	•	White
	QMX3.P02-1BSC	S55624-H128	•	-	-	-	-	-	•	•	Black
	QMX3.P34*	S55624-H105-A*	•	-	-	-	•	•	-	-	White
	QMX3.P34-1WNB	QMX3.P34-1WNB	•	-	-	-	•	•	-	-	White (no logo)
	QMX3.P34-1BSC	S55624-H126	•	-	-	-	•	•	-	-	Black
	QMX3.P44	S55624-H143-A	•	•	-	-	•	•	-	-	White
	QMX3.P44-1BSC	S55624-H144	•	•	-	-	•	•	-	-	Black
	QMX3.P74*	S55624-H106-A*	•	•	•	-	•	•	-	-	White
	QMX3.P74-1WNB	QMX3.P74-1WNB	•	•	•	-	•	•	-	-	White (no logo)
	QMX3.P74-1BSC	S55624-H127	•	•	•	-	•	•	-	-	Black
	QMX3.P37	QMX3.P37	•	-	-	-	•	•	•	•	White
	QMX3.P37-1BSC	S55624-H129	•	-	-	-	•	•	•	•	Black
Accessories	QMX3-GSKT	QMX3-GSKT	QMX3 Insulating Gasket (10-pack). For installing sensors on a hollow wall.								
	OCI702	S55800-Y101	USB to PL-LINK Interface with Power Supply (Required for commissioning)								
	QMX3-BP	QMX3-BP	QMX3 Replacement Back Plates (12-pack)								
	5WG11938AB01	5WG11938AB01	KNX/PL-Link Bus Connector (25-pack)								

* For COO = USA, add suffix "-1WSB" to the model number to create the orderable part number (for example: **QMX3.P30-1WSB**).

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