

Certificate of Compliance

Certificate Number:

UL-US-L365080-4769D1-61300202-1

Report Reference:

E365080-20200316

Issue Date:

2025-02-25

Issued to:

wenglor sensoric GmbH
wenglor Strasse 3, Tettngang, Baden-Wurttemberg, 88069, DE

This certificate confirms that representative samples of:

QUYX - Process Control Equipment, Electrical

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

UL 61010-1, 3rd Ed., Issue Date: 2012-05-11, Revision Date: 2019-07-19

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



A handwritten signature in black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-L365080-4769D1-61300202-1
Report reference E365080-20200316
Date 2025-02-25

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Model	Product Description
<p style="text-align: center;">type Fabc, NOMENCLATURE I for type Fabc: Series "FF"</p> <p style="text-align: center;">Letter 1) application field F = Fluid-Sensor</p> <p style="text-align: center;">Letter 2) and 3) design and housing material ab=FA = Sensor with Display, Enclosure design "Standard" (polymeric) ab=FM = Sensor with Display, Enclosure design "Manometer" (polymeric) ab=FX = Sensor with Display, Enclosure design "Standard" (Stainless steel)</p> <p style="text-align: center;">Letter 4) measuring type c=F = Flow c=P = Pressure c=T = Temperature</p> <p style="text-align: center;">Digit 5 to 8): features and measurement ranges The digit 8 is only use in case that number range in digit 5 to 7 is exhausted</p> <p style="text-align: center;">NOMENCLATURE II for type Fxyz: Series "FX"</p> <p style="text-align: center;">Letter 1) application field F = Fluid-Sensor</p> <p style="text-align: center;">Letter 2) design and housing material x=X = Ø27 mm Stainless Steel</p> <p style="text-align: center;">Letter 3) measuring type and range y=1 = Pressure / -1...1 bar y=2 = Pressure / 0,25 bar y=3 = Pressure / 1 bar y=4 = Pressure / 2,5 bar y=5 = Pressure / 10 bar y=6 = Pressure / 25 bar y=7 = Pressure / 40 bar y=8 = Pressure / 100 bar y=9 = Pressure / 250 bar y=0 = Pressure / 400 bar y=A = Pressure / 600 bar y=E = Pressure / 500 mbar y=G = Pressure / -250...+250 mbar y=H = Pressure / 400 mbar</p>	<p>Sensors</p>



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<p>y=D = Temperature / -50...200°C y=F = Flow / 0,1...4 m/s y=T = Temperature / -50...150°C</p> <p>Letter 4) measuring type z=A = Pressure (absolute) z=B = Pressure (absolute), second measure channel: temperature z=D = (Temp., PT100/PT1000) z=F = Flow z=P = Pressure z=Q = Pressure second measure channel: temperature z=T = Temperature</p> <p>Digit 5 to 8): design, features and measurement ranges The digit 8 is only use in case that number range in digit 5 to 7 is exhausted</p>	
<p>Type FFyFuuu (flow sensor), Letter 1) application field F = Fluid-Sensor Letter 2) and 3) design and housing material xy=FA = Sensor with Display, Enclosure design "Standard" (polymeric) xy=FM = Sensor with Display, Enclosure design "Manometer" (polymeric) xy=FX = Sensor with Display, Enclosure design "Standard" (Stainless steel) Letter 4) measuring type z=F = Flow z=P = Pressure z=T = Temperature Digit 5 to 8): features and measurement ranges The digit 8 is only use in case that number range in digit 5 to 7 is exhausted uuu(u) = describe features and measurement ranges, not safety relevant.</p>	Sensors
<p>Type FFyPuuu (pressure sensor), Letter 1) application field F = Fluid-Sensor Letter 2) and 3) design and housing material xy=FA = Sensor with Display, Enclosure design "Standard" (polymeric) xy=FM = Sensor with Display, Enclosure design "Manometer" (polymeric) xy=FX = Sensor with Display, Enclosure design "Standard" (Stainless steel) Letter 4) measuring type z=F = Flow z=P = Pressure z=T = Temperature Digit 5 to 8): features and measurement ranges The digit 8 is only use in case that number range in digit 5 to 7 is exhausted uuu(u) = describe features and measurement ranges, not safety relevant.</p>	Sensors
<p>Type FFyTuuu (temperature sensor), Letter 1) application field F = Fluid-Sensor Letter 2) and 3) design and housing material xy=FA = Sensor with Display, Enclosure design "Standard" (polymeric) xy=FM = Sensor with Display, Enclosure design "Manometer" (polymeric) xy=FX = Sensor with Display, Enclosure design "Standard" (Stainless steel) Letter 4) measuring type z=F = Flow z=P = Pressure z=T = Temperature Digit 5 to 8): features and measurement ranges The digit 8 is only use in case that</p>	Sensors



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Type FXxPxxx, Letter 1) application field F = Fluid-Sensor Letter 2) design and housing material x=X = Ø27 mm Stainless Steel Letter 3) measuring type and range y=1 = Pressure / -1...1 bar y=2 = Pressure / 0,25 bar y=3 = Pressure / 1 bar y=4 = Pressure / 2,5 bar y=5 = Pressure / 10 bar y=6 = Pressure / 25 bar y=7 = Pressure / 40 bar y=8 = Pressure / 100 bar y=9 = Pressure / 250 bar y=0 = Pressure / 400 bar y=A = Pressure / 600 bar y=G = Pressure / -250...+250 mbar y=D = Temperature / -50...200°C y=F = Flow / 0,1...4 m/s y=T = Temperature / -50...150°C Letter 4) measuring type z=A = Pressure (absolute) z=B = Pressure (absolute), second measure channel: temperature z=D = (Temp., PT100/PT1000) z=F = Flow z=P = Pressure z=Q = Pressure, second measure channel - temperature z=T = Temperature Digit 5 to 8) design, features and measurement ranges The digit 8 is only use in case that number range in digit 5 to 7 is exhausted uuu(u) = describe features and measurement ranges, not safety relevant.	Process Control Equipment
Type FXxQxxx, Letter 1) application field F = Fluid-Sensor Letter 2) design and housing material x=X = Ø27 mm Stainless Steel Letter 3) measuring type and range y=1 = Pressure / -1...1 bar y=2 = Pressure / 0,25 bar y=3 = Pressure / 1 bar y=4 = Pressure / 2,5 bar y=5 = Pressure / 10 bar	Process Control Equipment



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<p> y=6 = Pressure / 25 bar y=7 = Pressure / 40 bar y=8 = Pressure / 100 bar y=9 = Pressure / 250 bar y=0 = Pressure / 400 bar y=A = Pressure / 600 bar y=G = Pressure / -250...+250 mbar y=D = Temperature / -50...200°C y=F = Flow / 0,1...4 m/s y=T = Temperature / -50...150°C </p> <p> Letter 4) measuring type z=A = Pressure (absolute) z=B = Pressure (absolute), second measure channel: temperature z=D = (Temp., PT100/PT1000) z=F = Flow z=P = Pressure z=Q = Pressure, second measure channel - temperature z=T = Temperature </p> <p> Digit 5 to 8) design, features and measurement ranges The digit 8 is only use in case that number range in digit 5 to 7 is exhausted uuu(u) = describe features and measurement ranges, not safety relevant. </p>	
<p> type Fxyz, NOMENCLATURE I for type Fabc: Series "FF" Letter 1) application field F = Fluid-Sensor </p> <p> Letter 2) and 3) design and housing material ab=FA = Sensor with Display, Enclosure design "Standard" (polymeric) ab=FM = Sensor with Display, Enclosure design "Manometer" (polymeric) ab=FX = Sensor with Display, Enclosure design "Standard" (Stainless steel) </p> <p> Letter 4) measuring type c=F = Flow c=P = Pressure c=T = Temperature </p> <p> Digit 5 to 8): features and measurement ranges The digit 8 is only use in case that number range in digit 5 to 7 is exhausted </p> <p style="text-align: center;">NOMENCLATURE II for type Fxyz:</p>	Sensors



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<p>Series "FX"</p> <p>Letter 1) application field F = Fluid-Sensor</p> <p>Letter 2) design and housing material x=X = Ø27 mm Stainless Steel</p> <p>Letter 3) measuring type and range y=1 = Pressure / -1...1 bar y=2 = Pressure / 0,25 bar y=3 = Pressure / 1 bar y=4 = Pressure / 2,5 bar y=5 = Pressure / 10 bar y=6 = Pressure / 25 bar y=7 = Pressure / 40 bar y=8 = Pressure / 100 bar y=9 = Pressure / 250 bar y=0 = Pressure / 400 bar y=A = Pressure / 600 bar y=E = Pressure / 500 mbar y=G = Pressure / -250...+250 mbar y=H = Pressure / 400 mbar y=D = Temperature / -50...200°C y=F = Flow / 0,1...4 m/s y=T = Temperature / -50...150°C</p> <p>Letter 4) measuring type z=A = Pressure (absolute) z=B = Pressure (absolute), second measure channel: temperature z=D = (Temp., PT100/PT1000) z=F = Flow z=P = Pressure z=Q = Pressure second measure channel: temperature z=T = Temperature c=C = Flow (Medium Oil)</p> <p>Digit 5 to 8): design, features and measurement ranges The digit 8 is only use in case that number range in digit 5 to 7 is exhausted</p>	
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Certificate of Compliance

Certificate Number:

UL-CA-L365080-4771D1-
61300202-1

Report Reference:

E365080-20200316

Issue Date:

2025-02-25

Issued to:

wenglor sensoric GmbH
wenglor Strasse 3, Tettngang, Baden-Wurttemberg, 88069, DE

This certificate confirms that representative samples of:

QUYX7 - Process Control Equipment, Electrical Certified for Canada

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

CSA C22.2 NO. 61010-1, 3rd Ed., Issue Date: 2012-05-11,
Revision Date: 2018-11-01

Additional Information:

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David Piecuch
UL Mark Certification Program Owner

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<p> y=H = Pressure / 400 mbar y=D = Temperature / -50...200°C y=F = Flow / 0,1...4 m/s y=T = Temperature / -50...150°C </p> <p> Letter 4) measuring type z=A = Pressure (absolute) z=B = Pressure (absolute), second measure channel: temperature z=D = (Temp., PT100/PT1000) z=F = Flow z=P = Pressure z=Q = Pressure second measure channel: temperature z=T = Temperature </p> <p> Digit 5 to 8): design, features and measurement ranges The digit 8 is only use in case that number range in digit 5 to 7 is exhausted </p>	
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<p> y=5 = Pressure / 10 bar y=6 = Pressure / 25 bar y=7 = Pressure / 40 bar y=8 = Pressure / 100 bar y=9 = Pressure / 250 bar y=0 = Pressure / 400 bar y=A = Pressure / 600 bar y=G = Pressure / -250...+250 mbar y=D = Temperature / -50...200°C y=F = Flow / 0,1...4 m/s y=T = Temperature / -50...150°C </p> <p> Letter 4) measuring type z=A = Pressure (absolute) z=B = Pressure (absolute), second measure channel: temperature z=D = (Temp., PT100/PT1000) z=F = Flow z=P = Pressure z=Q = Pressure, second measure channel - temperature z=T = Temperature </p> <p> Digit 5 to 8) design, features and measurement ranges The digit 8 is only use in case that number range in digit 5 to 7 is exhausted uuu(u) = describe features and measurement ranges, not safety relevant. </p>	
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