# PRICE LIST FIRESTING SENSORS

## 1 Prices Optical Oxygen Sensors (with ST-plug)

*Only valid within the EU, for overseas prices please contact us!*

### 1.1 Fiber Oxygen Sensors for FireSting Devices

For more available sensors and custom versions, please contact us!

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description (Needle / Tip Diameter)</th>
<th>Price in EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>OXROB3</td>
<td>Robust Oxygen Probe (3mm / 30mm)</td>
<td>240</td>
</tr>
<tr>
<td>OXROB3-CL4</td>
<td>Robust Oxygen Probe (3mm / 30mm), cable length 4m</td>
<td>270</td>
</tr>
<tr>
<td>OXROB10</td>
<td>Robust Oxygen Probe (3mm / 100mm)</td>
<td>240</td>
</tr>
<tr>
<td>OXROB10-CL4</td>
<td>Robust Oxygen Probe (3mm / 100mm), cable length 4m</td>
<td>270</td>
</tr>
<tr>
<td>TROXROB3</td>
<td>Robust TRACE Oxygen Probe (3mm / 30mm)</td>
<td>240</td>
</tr>
<tr>
<td>TROXROB10</td>
<td>Robust TRACE Oxygen Probe (3mm / 100mm)</td>
<td>240</td>
</tr>
<tr>
<td>OXR50</td>
<td>Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm)</td>
<td>230</td>
</tr>
<tr>
<td>OXR50-CL4</td>
<td>Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm), Cable Length 4m</td>
<td>260</td>
</tr>
<tr>
<td>OXR50-OI</td>
<td>Retractable Oxygen Microsensor (0.5mm / ca.40-60µm), Optical Isolation</td>
<td>290</td>
</tr>
<tr>
<td>OXR50-OI-CL4</td>
<td>Retractable Oxygen Microsensor (0.5mm / ca.40-60µm), Optical Isolation, Cable Length 4m</td>
<td>320</td>
</tr>
<tr>
<td>OXR50-HS</td>
<td>Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm), High Speed</td>
<td>260</td>
</tr>
<tr>
<td>OXR50-UHS</td>
<td>Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm), Ultra-High Speed</td>
<td>290</td>
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<tr>
<td>OXR50-UHS-CL4</td>
<td>Retractable Oxygen Microsensor (0.5mm / ca. 50-70µm), Ultra-High Speed, Cable Length 4m</td>
<td>320</td>
</tr>
<tr>
<td>OXR430</td>
<td>Retractable Oxygen Minisensor (1.1mm / 430 µm)</td>
<td>290</td>
</tr>
<tr>
<td>OXR430-CL4</td>
<td>Retractable Oxygen Minisensor (1.1mm / 430 µm), Cable Length 4 m</td>
<td>320</td>
</tr>
<tr>
<td>OXR430-OI</td>
<td>Retractable Oxygen Minisensor (1.1mm / 430 µm), Optical Isolation</td>
<td>350</td>
</tr>
<tr>
<td>OXR430-OI-CL4</td>
<td>Retractable Oxygen Minisensor (1.1mm / 430 µm), Optical Isolation, Cable Length 4m</td>
<td>380</td>
</tr>
<tr>
<td>OXR430-HS</td>
<td>Retractable Oxygen Minisensor (1.1mm / 430 µm), Optical Isolation, Cable Length 4m</td>
<td>320</td>
</tr>
<tr>
<td>OXR430-HS-CL4</td>
<td>Retractable Oxygen Minisensor (1.1mm / 430 µm), High Speed, Cable Length 4m</td>
<td>350</td>
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<tr>
<td>OXR430-UHS</td>
<td>Retractable Oxygen Minisensor (1.1mm / 430 µm), Ultra-High Speed</td>
<td>350</td>
</tr>
<tr>
<td>TROXR430</td>
<td>Retractable TRACE Oxygen Minisensor (1.1mm / 430 µm)</td>
<td>290</td>
</tr>
<tr>
<td>OXF50</td>
<td>Fixed Oxygen Microsensor (0.5mm / ca. 50-70µm)</td>
<td>230</td>
</tr>
<tr>
<td>OXF50-OI</td>
<td>Fixed Oxygen Microsensor (0.5mm / ca. 50-70µm), Optical Isolation</td>
<td>290</td>
</tr>
<tr>
<td>Product Code</td>
<td>Description</td>
<td>Price</td>
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<tr>
<td>--------------</td>
<td>-------------</td>
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</tr>
<tr>
<td>OXF50-HS</td>
<td>Fixed Oxygen Microsensor (0.5mm / ca. 50-70µm), High Speed</td>
<td>260</td>
</tr>
<tr>
<td>OXF50-UHS</td>
<td>Fixed Oxygen Microsensor (0.5mm / ca. 50-70µm), Ultra-High Speed</td>
<td>290</td>
</tr>
<tr>
<td>OXF1100</td>
<td>Fixed Oxygen Minisensor (1.2mm / 430µm)</td>
<td>290</td>
</tr>
<tr>
<td>OXF1100-CL4</td>
<td>Fixed Oxygen Minisensor (1.2mm / 430µm), Cable Length 4m</td>
<td>320</td>
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<tr>
<td>OXF1100-OI</td>
<td>Fixed Oxygen Minisensor (1.2mm / 430µm), Optical Isolation</td>
<td>350</td>
</tr>
<tr>
<td>OXF1100-OI-CL4</td>
<td>Fixed Oxygen Minisensor (1.2mm / 430µm), Optical Isolation, Cable Length 4m</td>
<td>380</td>
</tr>
<tr>
<td>OXF1100-HS</td>
<td>Fixed Oxygen Minisensor (1.2mm / 430µm), High Speed</td>
<td>320</td>
</tr>
<tr>
<td>OXF1100-UHS</td>
<td>Fixed Oxygen Minisensor (1.2mm / 430µm), Ultra-High Speed</td>
<td>350</td>
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<tr>
<td>TROXF1100</td>
<td>Fixed TRACE Oxygen Minisensor (1.2mm / 430µm)</td>
<td>290</td>
</tr>
<tr>
<td>TROXF1100-CL4</td>
<td>Fixed TRACE Oxygen Minisensor (1.2mm / 430µm), Cable Length 4m</td>
<td>320</td>
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<tr>
<td>OXF500PT</td>
<td>Protected Tip Oxygen Minisensor (0.5mm / 230µm)</td>
<td>290</td>
</tr>
<tr>
<td>OXF500PT-OI</td>
<td>Protected Tip Oxygen Minisensor (0.5mm / 230µm), Optical Isolation</td>
<td>350</td>
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<tr>
<td>OXF500PT-OI-CL4</td>
<td>Protected Tip Oxygen Minisensor (0.5mm / 230µm), Optical Isolation, Cable Length 4m</td>
<td>380</td>
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<tr>
<td>OXF900PT</td>
<td>Protected Tip Oxygen Minisensor (0.9mm / 230µm)</td>
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<tr>
<td>OXF900PT-OI</td>
<td>Protected Tip Oxygen Minisensor (0.9mm / 230µm), Optical Isolation</td>
<td>350</td>
</tr>
<tr>
<td>OXB430</td>
<td>Bare Fiber Oxygen Microsensor (430 µm)</td>
<td>260</td>
</tr>
<tr>
<td>OXB430-OI</td>
<td>Bare Fiber Oxygen Minisensor (430 µm), Optical Isolation</td>
<td>320</td>
</tr>
<tr>
<td>OXB430-HS</td>
<td>Bare Fiber Oxygen Microsensor (430 µm), High Speed</td>
<td>290</td>
</tr>
<tr>
<td>OXB430-UHS</td>
<td>Bare Fiber Oxygen Microsensor (430 µm), Ultra-High Speed</td>
<td>320</td>
</tr>
<tr>
<td>OXB430-UHS-CL4</td>
<td>Bare Fiber Oxygen Microsensor (430 µm), Ultra-High Speed, Cable Length 4m</td>
<td>350</td>
</tr>
<tr>
<td>TROXB430</td>
<td>Bare Fiber TRACE Oxygen Minisensor (430 µm)</td>
<td>260</td>
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<tr>
<td>OXB50</td>
<td>Bare Fiber Oxygen Microsensor (ca. 50-70µm)</td>
<td>220</td>
</tr>
<tr>
<td>OXB50-CL4</td>
<td>Bare Fiber Oxygen Microsensor (ca. 50-70µm), Cable Length 4m</td>
<td>250</td>
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<tr>
<td>OXB50-OI</td>
<td>Bare Fiber Oxygen Microsensor (ca. 50-70µm), Optical Isolation</td>
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<tr>
<td>OXB50-OI-CL4</td>
<td>Bare Fiber Oxygen Microsensor (ca. 50-70µm), Optical Isolation, Cable Length 4m</td>
<td>310</td>
</tr>
<tr>
<td>OXB50-HS</td>
<td>Bare Fiber Oxygen Microsensor (ca. 50-70µm), High Speed</td>
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<tr>
<td>OXB50-UHS</td>
<td>Bare Fiber Oxygen Microsensor (ca. 50-70µm), Ultra-High Speed</td>
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<tr>
<td>OXSOLV</td>
<td>Solvent-Resistant Oxygen Probe (1.5mm / 150mm), Unprotected Protruding Tip</td>
<td>490</td>
</tr>
<tr>
<td>OXSOLV-PTS</td>
<td>Solvent-Resistant Oxygen Probe (1.5mm / 40mm), Protected Tip</td>
<td>490</td>
</tr>
</tbody>
</table>
1.2 Contactless Oxygen Sensors for FireSting Devices

For more available sensors and custom versions, please contact us!

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Price in EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>OXFTC</td>
<td>Flow-Through Cell with optical oxygen sensor, small (PU= 2 pieces)</td>
<td>200</td>
</tr>
<tr>
<td>OXFTC2</td>
<td>Flow-Through Cell with optical oxygen sensor, large (PU= 2 pieces)</td>
<td>200</td>
</tr>
<tr>
<td>TROXFTC</td>
<td>Flow-Through Cell with TRACE optical oxygen sensor, small (PU= 2 pieces)</td>
<td>200</td>
</tr>
<tr>
<td>TROXFTC2</td>
<td>Flow-Through Cell with TRACE optical oxygen sensor, large (PU= 2 pieces)</td>
<td>200</td>
</tr>
<tr>
<td>TOFTC2</td>
<td>Flow-Through Cell with optical oxygen and temperature sensor, large (PU= 2 pieces)</td>
<td>300</td>
</tr>
<tr>
<td>OXFTCR</td>
<td>Flow-Through Cell with removable optical oxygen sensor</td>
<td>270</td>
</tr>
<tr>
<td>OXNANO</td>
<td>Oxygen Nanoprobes (PU = 5 x 10mg).</td>
<td>580</td>
</tr>
<tr>
<td>OXSP5</td>
<td>Oxygen Sensor Spots (PU = 8 pieces)</td>
<td>240</td>
</tr>
<tr>
<td>TROXSP5</td>
<td>TRACE Oxygen Sensor Spot (PU = 8 pieces)</td>
<td>240</td>
</tr>
<tr>
<td>OXVIAL4</td>
<td>Vial (ca. 4 mL) with integrated optical oxygen sensor (PU = 4 pieces)</td>
<td>240</td>
</tr>
<tr>
<td>OXVIAL20</td>
<td>Vial (ca. 20 mL) with integrated optical oxygen sensor (PU = 4 pieces)</td>
<td>240</td>
</tr>
<tr>
<td>TOVIAL20</td>
<td>Vial (ca. 20 mL) with integrated optical oxygen and temperature sensor (PU = 4 pieces)</td>
<td>360</td>
</tr>
</tbody>
</table>
# Prices Optical pH Sensors

Only valid within the **EU**, for overseas prices please contact us!

## 2.1 Fiber pH Sensors (only for FireSting pro)

For more available sensors and custom versions, please contact us!

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Price in EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHROB-PK7</td>
<td>pH Mini Probe (3mm / 100mm), pH range 6.0 - 8.0</td>
<td>240</td>
</tr>
<tr>
<td>PHROB-PK8</td>
<td>pH Mini Probe (3mm / 100mm), pH range 7.0-9.0</td>
<td>240</td>
</tr>
</tbody>
</table>

## 2.2 Contactless pH Sensors (only for FireSting pro)

For more available sensors and custom versions, please contact us!

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Price in EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHFTCR-pK7</td>
<td>Flow-through cell with removable pH probe, pH range 6.0-8.0 (PU = 1 piece)</td>
<td>270</td>
</tr>
<tr>
<td>PHFTCR-pK8</td>
<td>Flow-through cell with removable pH probe, pH range 7.0-9.0 (PU = 1 piece)</td>
<td>270</td>
</tr>
<tr>
<td>PHSP5-pK7</td>
<td>pH Sensor Spots, pH range 6.0 – 8.0, (PU = 8 pieces)</td>
<td>240</td>
</tr>
<tr>
<td>PHSP5-pK8</td>
<td>pH Sensor Spots, pH range 7.0 – 9.0, (PU = 8 pieces)</td>
<td>240</td>
</tr>
<tr>
<td>PHVIAL4-PK7</td>
<td>Vial (ca. 4 mL) with integrated optical pH sensor, pH range 6.0 – 8.0 (PU = 4 pieces)</td>
<td>280</td>
</tr>
<tr>
<td>PHVIAL4-PK8</td>
<td>Vial (ca. 4 mL) with integrated optical pH sensor, pH range 7.0 – 9.0 (PU = 4 pieces)</td>
<td>280</td>
</tr>
<tr>
<td>PHVIAL20-PK7</td>
<td>Vial (ca. 20 mL) with integrated optical pH sensor, pH range 6.0 – 8.0 (PU = 4 pieces)</td>
<td>280</td>
</tr>
<tr>
<td>PHVIAL20-PK8</td>
<td>Vial (ca. 20 mL) with integrated optical pH sensor, pH range 7.0 – 9.0 (PU = 4 pieces)</td>
<td>280</td>
</tr>
<tr>
<td>PHTVIAL20-PK7</td>
<td>Vial (ca. 20 mL) with integrated optical pH &amp; temperature sensor, pH range 6.0 – 8.0 (PU = 4 pieces)</td>
<td>400</td>
</tr>
<tr>
<td>PHTVIAL20-PK8</td>
<td>Vial (ca. 20 mL) with integrated optical pH &amp; temperature sensor, pH range 7.0 – 9.0 (PU = 4 pieces)</td>
<td>400</td>
</tr>
<tr>
<td>PHTOVIAL20-PK7</td>
<td>Vial (ca. 20 mL) with integrated optical pH, oxygen &amp; temperature sensor, pH range 6.0 – 8.0 (PU = 2 pieces)</td>
<td>290</td>
</tr>
<tr>
<td>PHTOVIAL20-PK8</td>
<td>Vial (ca. 20 mL) with integrated optical pH, oxygen &amp; temperature sensor, pH range 7.0 – 9.0 (PU = 2 pieces)</td>
<td>290</td>
</tr>
</tbody>
</table>
3 Prices Optical Temperature Sensors

Only valid within the EU, for overseas prices please contact us!

3.1 Fiber Temperature Sensors for FireSting O2 / FireSting pro Devices

For more available sensors and custom versions, please contact us!

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Price in EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPR430</td>
<td>Retractable Needle-Type Temperature Minisensor (1.1mm / 430µm)</td>
<td>290</td>
</tr>
<tr>
<td>TPF1100</td>
<td>Fixed Needle-Type Temperature Minisensor (1.1mm / 430µm)</td>
<td>290</td>
</tr>
<tr>
<td>TPB430</td>
<td>Bare Fiber Temperature Minisensor (430µm)</td>
<td>260</td>
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</tbody>
</table>

3.2 Contactless Temperature Sensors for FireSting O2 / FireSting pro Devices

For more available sensors and custom versions, please contact us!

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Price in EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPSP5</td>
<td>Optical Temperature Sensor Spots (PU=8 pieces)</td>
<td>240</td>
</tr>
<tr>
<td>TPFTC2</td>
<td>Flow-Through Cell with optical temperature sensor, large (PU= 2 pieces)</td>
<td>200</td>
</tr>
</tbody>
</table>
## 4 Prices for Sensor Accessories

*Only valid within the EU; for overseas prices please contact us!*

### 4.1 Accessories for Contactless Sensors (O₂, pH and T)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Compatible Sensor</th>
<th>Description</th>
<th>Price in EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPADBAS</td>
<td>OXSP₅, TPSP₅, PHSP₅, OXNANO</td>
<td>Basic Spot Adapter for 0-2mm windows with SPFIB or SPFIB-BARE, (PU = 4 pieces)</td>
<td>50</td>
</tr>
<tr>
<td>SPADLNS</td>
<td>OXSP₅, TPSP₅, PHSP₅, OXNANO</td>
<td>Lens Spot Adapter for 2-6mm windows with SPFIB/SPFIB-CL₂ only</td>
<td>50</td>
</tr>
<tr>
<td>SPFIB</td>
<td>OXSP₅, TPSP₅, PHSP₅, OXNANO</td>
<td>Optical Fiber, ST-plugs at both ends, cable length 1m</td>
<td>50</td>
</tr>
<tr>
<td>SPFIB-CL₂</td>
<td>OXSP₅, TPSP₅, PHSP₅, OXNANO</td>
<td>Optical Fiber, ST-plugs at both ends, cable length 2m</td>
<td>60</td>
</tr>
<tr>
<td>SPFIB-BARE</td>
<td>All contactless sensors</td>
<td>Bare Optical Fiber, ST-plug + one polished end, cable length 1m</td>
<td>50</td>
</tr>
<tr>
<td>SPFIB-BARE-CL₂</td>
<td>All contactless sensors</td>
<td>Bare Optical Fiber, ST-plug + one polished end, cable length 2m</td>
<td>60</td>
</tr>
<tr>
<td>SPGLUE</td>
<td>OXSP₅, TPSP₅, PHSP₅</td>
<td>Silicone Glue for fixing sensor spots + SPADBAS at transparent container walls</td>
<td>30</td>
</tr>
<tr>
<td>SPTLA</td>
<td>OXSP₅, TPSP₅, PHSP₅</td>
<td>Spoon spatula, 300 mm length, for handling of sensor spots</td>
<td>30</td>
</tr>
<tr>
<td>ADVIAL₄</td>
<td>OXVIAL₄, PHVIAL₄</td>
<td>Adapter ring for 4mL vials with 1 sensor, with SPFIB-BARE</td>
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<tr>
<td>ADVIAL₂₀</td>
<td>OXVIAL₂₀, PHVIAL₂₀</td>
<td>Adapter ring for 20mL vials with 1 sensor, with SPFIB-BARE</td>
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<tr>
<td>ADVIAL₂₀T</td>
<td>OXVIAL₂₀, TOVIAL₂₀, PHVIAL₂₀, PHTVIAL₂₀, PHTOVIAL₂₀</td>
<td>Adapter ring for 20mL vials with up to 3 sensors, with SPFIB-BARE</td>
<td>30</td>
</tr>
<tr>
<td>ADVIAL₄KIT</td>
<td>OXVIAL₄, PHVIAL₄</td>
<td>Adapter kit including adapter rings ADVIAL₄ and SPFIB-BARE-CL₂ for connection to FSO2/FSPRO (PU = 4 pieces)</td>
<td>290</td>
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<tr>
<td>ADVIAL₂₀-KIT</td>
<td>OXVIAL₂₀, PHVIAL₂₀,</td>
<td>Adapter kit including adapter rings ADVIAL₂₀ and SPFIB-BARE-CL₂ for connection to FSO2/FSPRO (PU = 4 pieces)</td>
<td>290</td>
</tr>
<tr>
<td>ADVIAL₂₀T-KIT</td>
<td>TOVIAL₂₀, PHTVIAL₂₀, PHTOVIAL₂₀</td>
<td>Adapter kit including adapter rings ADVIAL₂₀T and SPFIB-BARE-CL₂ for connection to FSO2/FSPRO (PU = 4 pieces)</td>
<td>290</td>
</tr>
</tbody>
</table>

### 4.2 Accessories for Sensor Calibration (O₂, pH) and Application
<table>
<thead>
<tr>
<th>Item No.</th>
<th>Compatible Sensor</th>
<th>Description</th>
<th>Price in EUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>OXCAL</td>
<td>for 0% calibration of all O2 sensors (except OXNANO)</td>
<td>Calibrations capsules for 50ml 0% O2 solution, PU=10 capsules</td>
<td>44</td>
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<tr>
<td>PHCAL4</td>
<td>calibration of all pH sensors</td>
<td>Buffer capsules for 100ml buffer (pH 4.01), PU = 10 capsules</td>
<td>44</td>
</tr>
<tr>
<td>PHCAL10</td>
<td>calibration of all pH sensors</td>
<td>Buffer capsules for 100ml buffer (pH 10.00), PU = 10 capsules</td>
<td>44</td>
</tr>
<tr>
<td>ADPATCH</td>
<td>OXF500PT, OXF900PT</td>
<td>Adhesive sticker patches (PU=10 pcs.), Ø15mm, transparent, for piercing with protected tip oxygen minisensors</td>
<td>10</td>
</tr>
</tbody>
</table>

5  **Pt100 Temperature Probes (with LEMO-connector)**

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<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>TDIP15</td>
<td>Temperature Sensor for FireSting devices, shielded dipping probe Ø1.5mm</td>
<td>140</td>
</tr>
<tr>
<td>TSUB21</td>
<td>Temperature Sensor for FireSting devices, Teflon-coated &amp; submersible, cable length 2m, for long-term submersion in water</td>
<td>140</td>
</tr>
<tr>
<td>TSUB21-CL1</td>
<td>Temperature Sensor for FireSting devices, Teflon-coated &amp; submersible, cable length 1m, for solvent-resistant probes &amp; sensors with 1m cable length</td>
<td>140</td>
</tr>
<tr>
<td>TSUB21-CL5</td>
<td>Temperature Sensor for FireSting devices, Teflon-coated &amp; submersible, cable length 5m, for sensors with 4m cable length</td>
<td>160</td>
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