# 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 4m</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>
</tr>
<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>Code</td>
<td>Description</td>
<td>Wall Thickness</td>
</tr>
<tr>
<td>-----------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------------</td>
</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>
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<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>
</tr>
<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>
</tr>
<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>
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<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>
</tr>
<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>
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<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>
</tr>
<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>
</tr>
<tr>
<td>OXB50-OI</td>
<td>Bare Fiber Oxygen Microsensor (ca.40-60µm), Optical Isolation</td>
<td>280</td>
</tr>
<tr>
<td>OXB50-OI-CL4</td>
<td>Bare Fiber Oxygen Microsensor (ca.40-60µm), 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>
<td>250</td>
</tr>
<tr>
<td>OXB50-UHS</td>
<td>Bare Fiber Oxygen Microsensor (ca. 50-70µm), Ultra-High Speed</td>
<td>280</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>
2 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 FireStingO2 / 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 FireStingO2 / 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>SPGLUE-KIT</td>
<td>OXSP₅, TPSP₅, PHSP₅</td>
<td>Glueing kit with 1 spoon spatula (SPTLA), 1 disposable syringe with screw cap, 4 flat needles for glueing sensor spots</td>
<td>50</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>
<td>30</td>
</tr>
<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>
</tr>
<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>
<tr>
<td>SEPVIAL₄</td>
<td>OXVIAL₄, PHVIAL₄</td>
<td>Septa with lids (with and without hole), for replacement in 4mL vials (PU=4 pieces)</td>
<td>20</td>
</tr>
<tr>
<td>SEPVIAL₂₀</td>
<td>OXVIAL₂₀, PHVIAL₂₀, TOVIAL₂₀, PHTVIAL₂₀, PHTOVIAL₂₀</td>
<td>Septa with lids (with and without hole), for replacement in 20mL vials (PU=4 pieces)</td>
<td>20</td>
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</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>
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</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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<thead>
<tr>
<th>Item No.</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>
</tr>
</tbody>
</table>