

Product data sheet

Specifications



Flow-through electrodeless conductivity sensor family for a wide range of industrial and sanitary process fluids.

871FT

Main

| | |
|---------------------------|---|
| Range of Product | Process Liquid Analytical |
| Product or Component Type | Sensor |
| Device Application | To measure conductivity |
| Market Segment | Power Pharmaceutical Semiconductor Water and waste water Chemical Paper and pulp Food and beverage Petrochemical |
| Measurement range | 0...2000 mS/cm |

Complementary

| | |
|----------------------|------------------------------|
| Type of Installation | Non-invasive Flow-through |
| Electrode shape | Dome |
| Electrode material | Glass |

Environment

| | |
|---------------------------------------|---|
| Ambient Air Temperature for Operation | 32...412 °F (0...211 °C) 32...212 °F (-0...100 °C) |
|---------------------------------------|---|

Contractual warranty

| | |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

| | |
|--|---|
| Total lifecycle Carbon footprint | 102 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 58 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.8 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.1 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 41 kg CO2 eq. |
| Carbon footprint of the end-of-life phase [C1 to C4] | 2 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |

Use Better



Materials and Substances

| | |
|--|--|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| EU RoHS Directive | Compliant |
| REACH Regulation | Reference contains Substances of Very High Concern above the threshold |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |

Use Longer



Lifetime extension

| | |
|--------|----|
| Repair | No |
|--------|----|

Use Again



Repack and remanufacture

| | |
|-------------------------------|---|
| Recyclability potential, in % | 61 |
| Circularity Profile | End of Life Information |
| Take-back | No |