

Level transmitter, Level, for powders and dusty atmosphere, W band 80GHz radar

LR65

Main

| Range of Product | Level | | |
|------------------------------|----------------------------------|--|--|
| Product or Component Type | Level transmitter | | |
| Product Specific Application | For powders and dusty atmosphere | | |
| [Us] rated supply voltage | 1230 V DC 1636 V DC | | |
| Kit composition | transmitter antenna | | |

Complementary

| Antenna type | PEEK lens | |
|-----------------------------|--|--|
| Housing material | Aluminium 316L stainless steel | |
| Pressure sensor size | -14.5580.2 psi (-140 bar) -14.5580 psi (-100.03999.0 kPa) | |
| Safety level | SIL 2 SIL 3 | |
| Communication port protocol | HART, 420 mA | |
| Display Type | LCD display | |
| Measurement accuracy | +/- 2 mm | |
| Measurement range | 0100 m 0328 ft | |
| Type of measurement | Radar W-band frequency 80 GHz | |
| Connector type | DIN flange ASME flange JIS flange ISO thread ASME thread | |

Environment

| Ambient air temperature for operation | -58392 °F (-50200 °C) -50200 °C (-58392 °F) | |
|---------------------------------------|--|--|
| Ambient Air Temperature for Storage | -40176 °F (-4080 °C) -4080 °C (-40176 °F) | |
| Product certifications | IEC-Ex ATEX NEPSI CQPSus | |
| Standards | EN/IEC 61508 | |

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

| IP Degree of Protection | IP66 IP68 |
|---------------------------|------------------------------------|
| NEMA degree of protection | NEMA 4X housing NEMA 6P antenna |

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------|-----|
| Nbr. of units in pkg. | 1 |



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 | |
|--|-------------------------------|
| Carbon footprint (kg CO2 eq, Total Life cycle) | 195 |
| 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 with Exemptions |
| REACh Regulation | REACh Declaration |
| 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 Again

| ○ Repack and remanufacture | |
|----------------------------|-------------------------|
| Circularity Profile | End of Life Information |
| Take-back | No |