

Datasheet DPST Sender “Broad Field 401” (SBF401)

Wireless outdoor all-season data logger for distributed measurement systems

General technical data

Transmission frequency:	433,075 MHz (68 other channels on request)
Frequency stability:	+/- 3 kHz
Frequency separation:	4 kHz
Long range:	free field up to 4 km

Transmitter for outdoor operation

Current draw:	standby: ca. 12 uA; during transmission: ca. 35 mA
Battery:	Lithium
Lifetime:	ca. 1 year (depends on transmission interval)
Dimensions:	ca. 100x100x80 mm

- Transmission of up to 3 different measurement channels, e.g. pH, temperature
- Selectable transmission interval: 5, 15, 60 minutes (other on request)
- Transmission Range up to 4 km
- Battery change only on necessary maintenance
- Notification at low battery
- Robust housing, suitable for outdoor operation

Options

- A) Acquiring and transmitting of up to 3 channels
- B) Digital display of the latest measured value



Figure: Example application for pH-measurement outdoor with **DPST-SBF401**