

Mini Flex transmitter

Your ultimate solution for precision, safety, and reliability



Technical information Mini Flex

- **Dimensions:** (W × D × H)
297 × 194 × 204 mm / 11.7 × 7.6 × 8 inches
- **Weight:** (final weight depends on configuration) ~ 2.2 kg / ~ 4.8 lb
- **Protection category:** IP65
- **Operating temperature:** (Celsius/
Fahrenheit): -25 °C to +70 °C /
-13 °F to +158 °F
- **Safety classifications:** IEC 61508 /
EN 13849
- **Safety classified inputs:**
 - 1 safety classified STOP button,
SIL 3 & PL e
 - ≤ 16 safety classified analog actuators,
SIL 3 & PL e
 - ≤ 8 safety classified digital actuators,
SIL 3 / PL e
- **No safety classification:** ≤ 48 digital and
analog input/outputs
- **Radio frequency bands:**
868 MHz, 915 MHz & 2.4 GHz
- **Frequency management:** Automatic
frequency hopping
- **Range (typical):** > 100 m
- **Battery type:** NiMH & Li-ion
- **Operating times:** (varies depending on
configuration and number of functions)
 - NiMH: 6-23 h
 - Li-ion: 15-57 h
- **Cable control:** optional, factory assembled
M12 or Hirschman connector

As an OEM, you operate in demanding environments where control, adaptability, and safety are crucial. The Mini Flex transmitter is engineered to meet these challenges head-on – offering exceptional flexibility and safety levels tailored to your operational needs. Every element, from joysticks to toggles and displays, can be precisely configured for your unique application. With SIL 3 and PL e compliance, Mini Flex supports a higher level of functional safety that helps increase operational safety.

Why choose Mini Flex?

You want a competitive edge

Mini Flex's high degree of configurability lets you design a transmitter aligned with your application's precise needs, helping your equipment stand out in a crowded market.

Safety is the highest priority

SIL 3 and PL e compliance enables increased safety and supports adherence to demanding industrial standards, giving you and your end users greater confidence in day-to-day operations.

Operator efficiency

With an operator-focused flexibility and ergonomic design, Mini Flex helps users minimize errors, reduce fatigue, and stay productive – ultimately boosting the value of your equipment in the field.