# ((eKanban®

## Push To Call wireless system

Push To Call is a state of-the-art wireless system designed by FasThink to make easy the communication and integration of digital sensors to IT systems.

The system consists of a Gateway antenna capable of wirelessly managing over 500 sensors via LoRaWan communication protocol, the sensor design is similar to a standard button for industrial use compatible with tubular structures usually used in production and logistic processes.

The sensor is typically installed near mechanical roller conveyors or in production or logistics areas where real-time communication between

the operator and the IT system is required. When the operator presses the button, the sensor automatically sends the status to the IT system for the programmed function. Typically it is used for the material call of the stock supply or for the calling mobile robot missions.

Battery life is guaranteed for years, a monitoring system inside the sensor allows the user to be informed about the battery status.

Easy to install, it does not require any wiring work. With the Push To Call wireless system, information travels a long distance with very low consumption.

### Gateway characteristics

| | |
|---|---|
| Power supply | 10 - 27 Vdc |
| Wireless communication protocol | LoRaWan |
| Coverage area | up to a radius of 300 mt |
| Communication interface | Ethernet |
| Dimensions | 276 x 166 x 60 mm |
| Protection rating | IP55 |
| Temperature rating | 0 °C +55 °C |
| P/N | PL1313 |

### Push To Call sensor characteristics

| | |
|---|---|
| Power supply | Lithium 3.6 V battery |
| Wireless communication protocol | LoRaWAN |
| Dimensions | diam. 28 x 115 x 30 mm |
| Protection rating | IP55 |
| Temperature rating | 0 °C +55 °C |
| Battery life | more than 8 years with a maximum of 10 activations per day |
| Battery status monitoring | |
| P/N | EK101 |

For further information
## fasthink.com