Dispatching of large premises I Elevators I Escalators

FALCON monitoring module for visualization of supervised facilities

FALCON is a universal device for the area of remote monitoring of machines by means of GSM/LTE/NB IOT data communication. It is primarily designed for basic monitoring of elevators and escalators.

FALCON 4 (4 inputs)

For simple, inexpensive monitoring of basic states of the given device.

- fault
- service
- power failure
- emergency signalling
- in the case of escalators, upward travel, downward travel
- safety circuit failure, power failure

Visualization is executed by the LEMON System

FALCON 16 (16 inputs)

For more demanding applications with monitoring of the given device operation.

- fault
- service
- power failure
- emergency signalling
- door state
- cab position

Visualization is executed by the LEMON System

Contents of the switchboard for SOKOLIK 4 and 16

- Sokolík 4 communication unit
- 2 Ah backup power supply with battery capacity measurement
- power supply 12 V/2.1 A/DIN
- AKU/12 V/7.5 A h
- separate cabinet with dimensions 322 x 397 x 90 with IP 20 protection
- for escalators or on special request, a version in a switchboard with IP 64 protection can also be supplied

PRODUCER:

BETACONTROL

Beta Control s.r.o.
Cerneho 829/58, 635 00 Brno-Bystrc
Czech Republic

www.betacontrol.eu / obchod@betacontrol.cz

FALCON 4

BASIC ASSEMBLY WITHOUT SWITCHBOARD

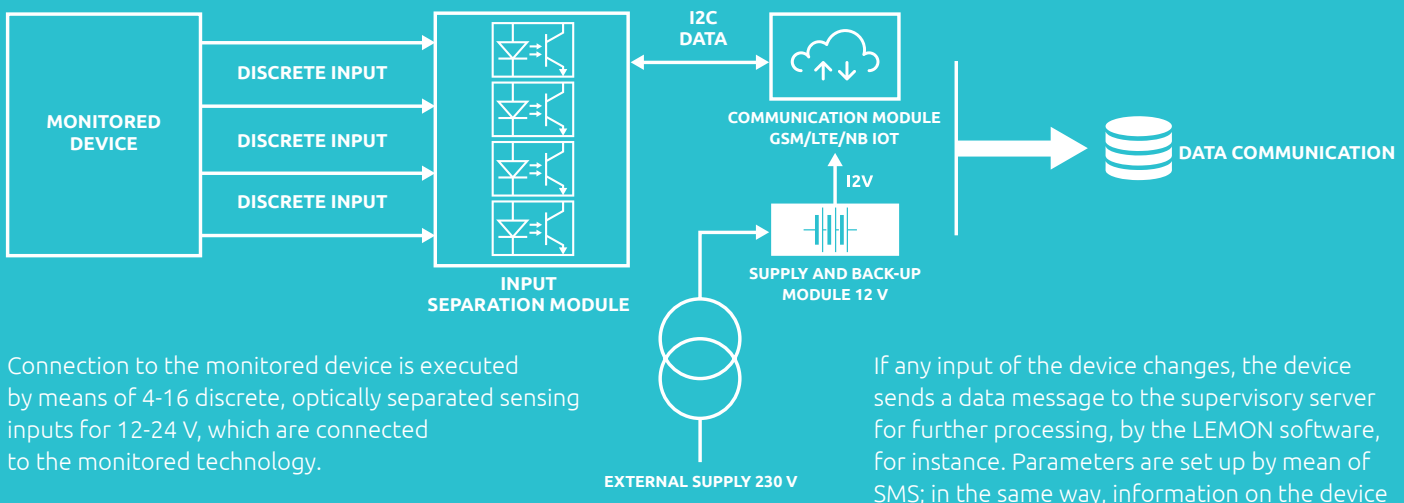
FALCON BASIC 4

- GSM MONIT 00-GSM modul 12 V DC
- GSM MONIT 01-4 parallel inputs 12-24 V DC
- Power supply 12 V DC/0,5 A
- Connecting set

Visualization is executed by the LEMON System

POSSIBILITY OF INSTALLATION IN A SWITCHBOARD

FUNCTIONAL CHART



Connection to the monitored device is executed by means of 4-16 discrete, optically separated sensing inputs for 12-24 V, which are connected to the monitored technology.

If any input of the device changes, the device sends a data message to the supervisory server for further processing, by the LEMON software, for instance. Parameters are set up by mean of SMS; in the same way, information on the device state, signal strength, back-up supply voltage etc. can be obtained.

BETACONTROL
Beta Control s.r.o.
Cerneho 829/58, 635 00 Brno-Bystrc
Czech Republic

Co-funded by the European Union

Free consultation!
+420 733 610 313