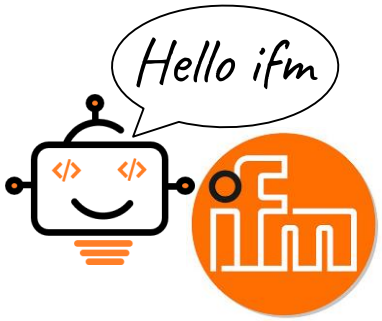
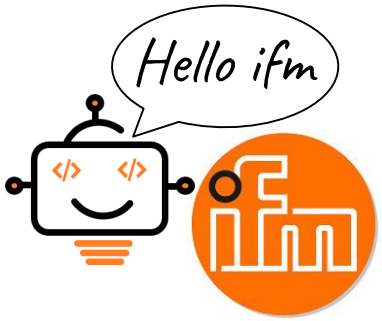


Systems for signaling and indication

Signal lamp

DV2510



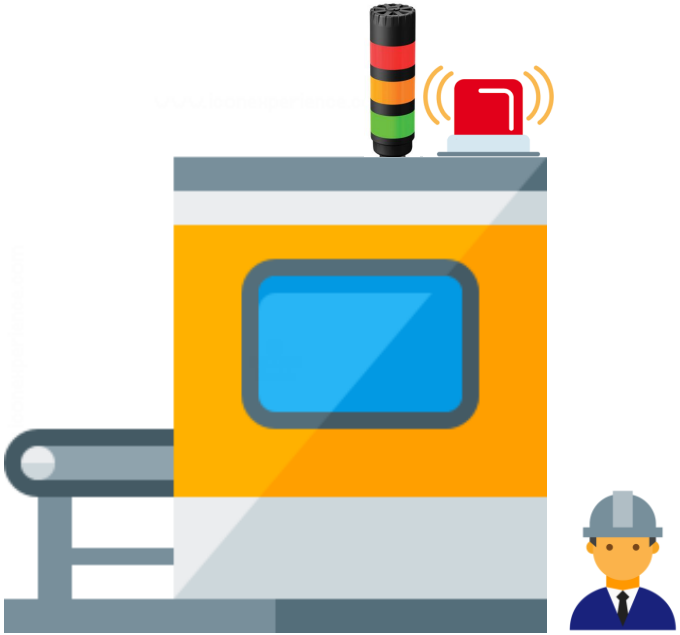
Systems for signaling and indication

Signal lamp

DV2510

Why we need

Indication signals?



Typical machine

1. To know the current state of machine

Non fatal error or fault
Manual/ Maintenance
Normal (or run)

2. To alert the operator on warning conditions

Insufficient raw material
Less pneumatic pressure
Empty magazine

3. To alert the operator on emergency conditions

E-stop pressed by operator
Light curtains obstructed
Process value beyond critical range

What could be

Indication signals?

Light signals
(States of machine)

Blinking light signals
(for warning signals)

Buzzer
(emergency situations)

Standards in

Indication signals

Luminance
(0 – 100%)

Atleast two level of luminance. It should be:

- ❑ Too bright in bright light conditions (50- 100fc)
- ❑ Less bright in low light condition

+

Blinking & Flashing
(slow, medium and fast)

Blinking conveys:
Unacknowledging event, new error
Flashing conveys:
Normal transitory event
Ex. Filling of tank when it's critically low

+

Audible range
(0-100%)

Alarm sound
should be audible considering ambient noise impact
Bigger the area, more the sound output and vice versa.

ifm presents you

Signal lamp

DV2510

Signal lamp is a smart device with 5 segments and buzzer for signaling machine conditions

5 x 4 LEDs

Segment 1
Segment 2
Segment 3
Segment 4
Segment 5

Buzzer

Key features

18 -30 VDC operated

Programmable Intensities and colors

Real time change of parameter (LR device)

IO-Link technology

PROFINET® control

Built-in buzzer (max 85 db.)

presents you

Signal lamp

Signal lamp is capable of
generating different colors in single lamp

5 x 4 LEDs

Segment 1
Segment 2
Segment 3
Segment 4
Segment 5

Buzzer

presents you

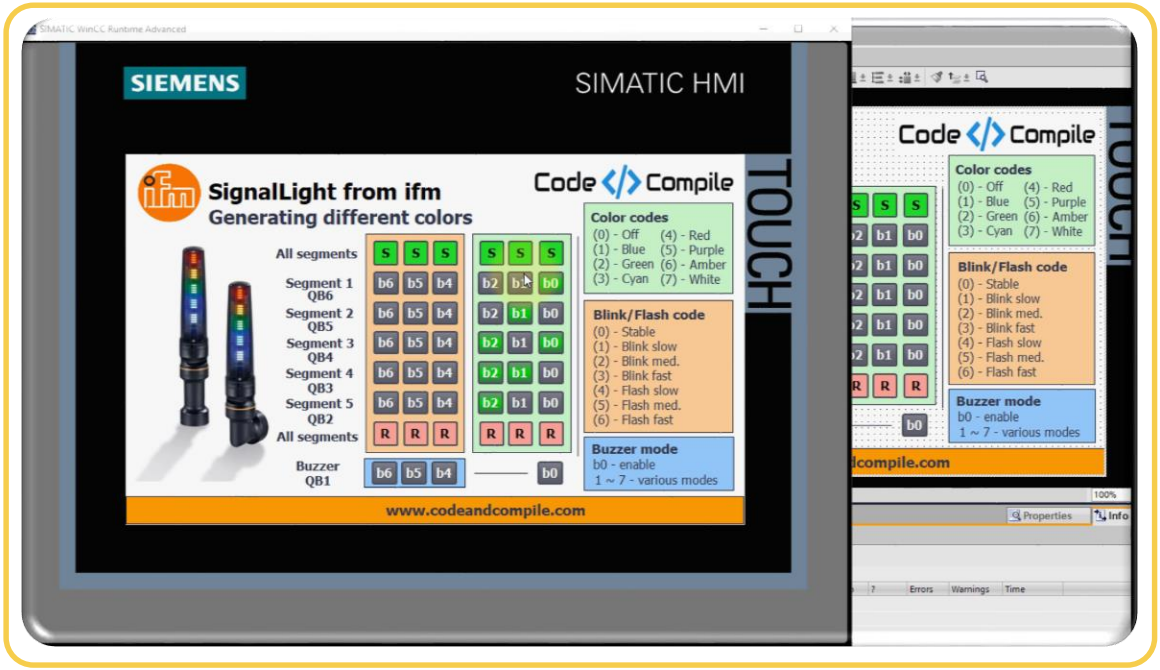
Signal lamp

Signal lamp is capable of
blinking or flashing the segments independently

5 x 4 LEDs

Segment 1
Segment 2
Segment 3
Segment 4
Segment 5

Buzzer



presents you

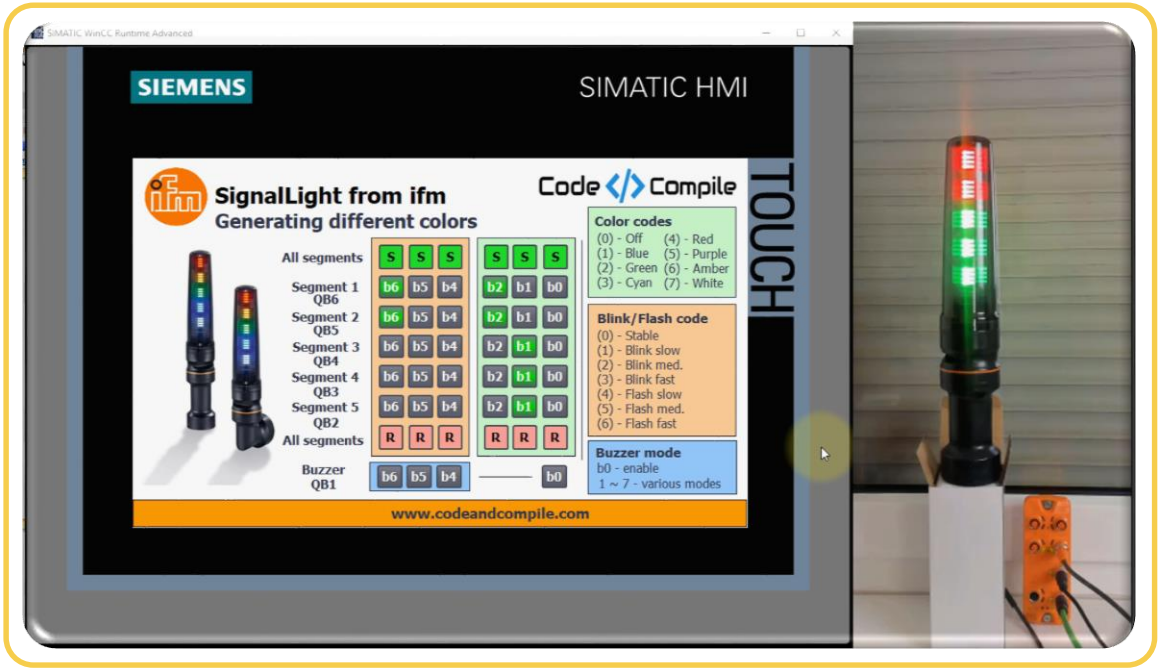
Signal lamp

Signal lamp is capable of
generating various buzzer sounds for warnings

5 x 4 LEDs

Segment 1
Segment 2
Segment 3
Segment 4
Segment 5

Buzzer



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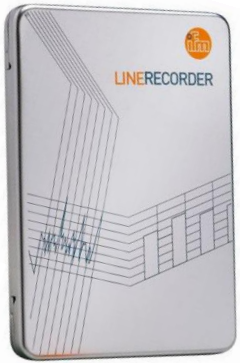
Signal lamp

Quick and easy parameter setting

Via IO-Link master



LR device software
(optoinal)

presents you

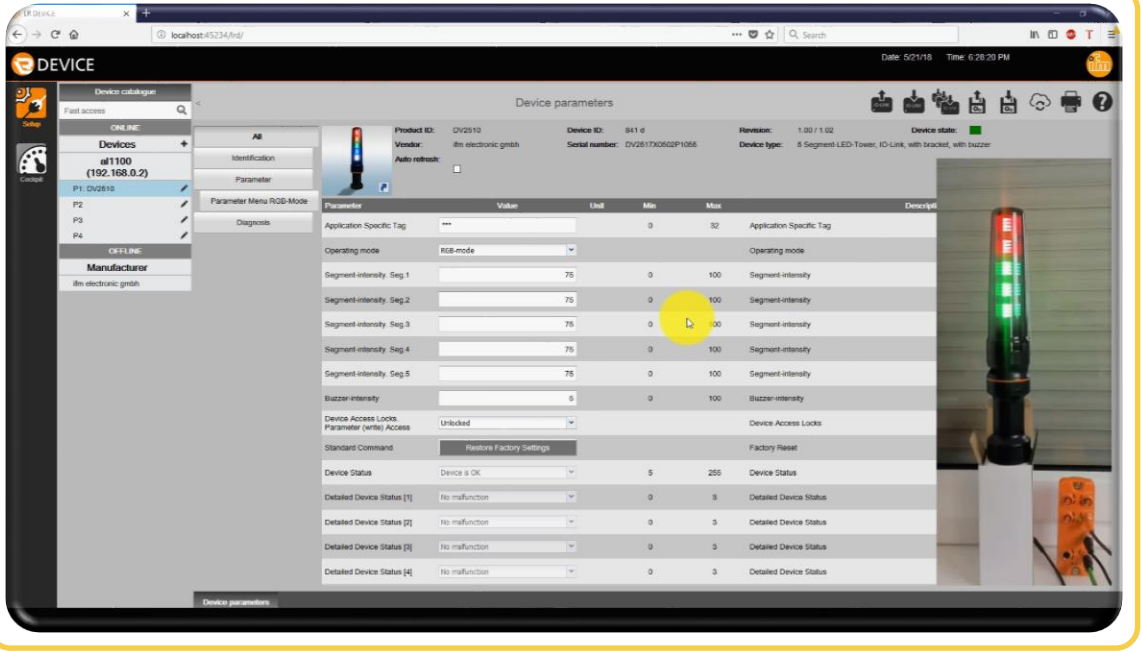
Signal lamp

Signal lamp is capable of
changing intensity of segment in real time

5 x 4 LEDs

Segment 1
Segment 2
Segment 3
Segment 4
Segment 5

Buzzer



presents you

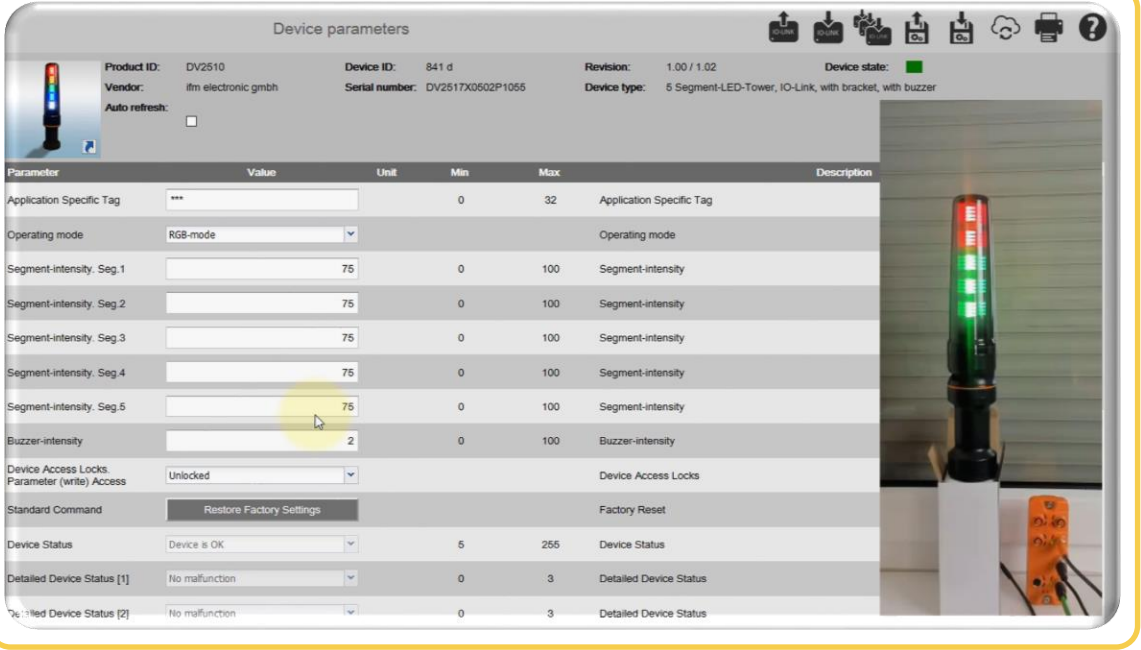
Signal lamp

Signal lamp is capable of
changing intensity of buzzer in real time

5 x 4 LEDs

Segment 1
Segment 2
Segment 3
Segment 4
Segment 5

Buzzer



presents you

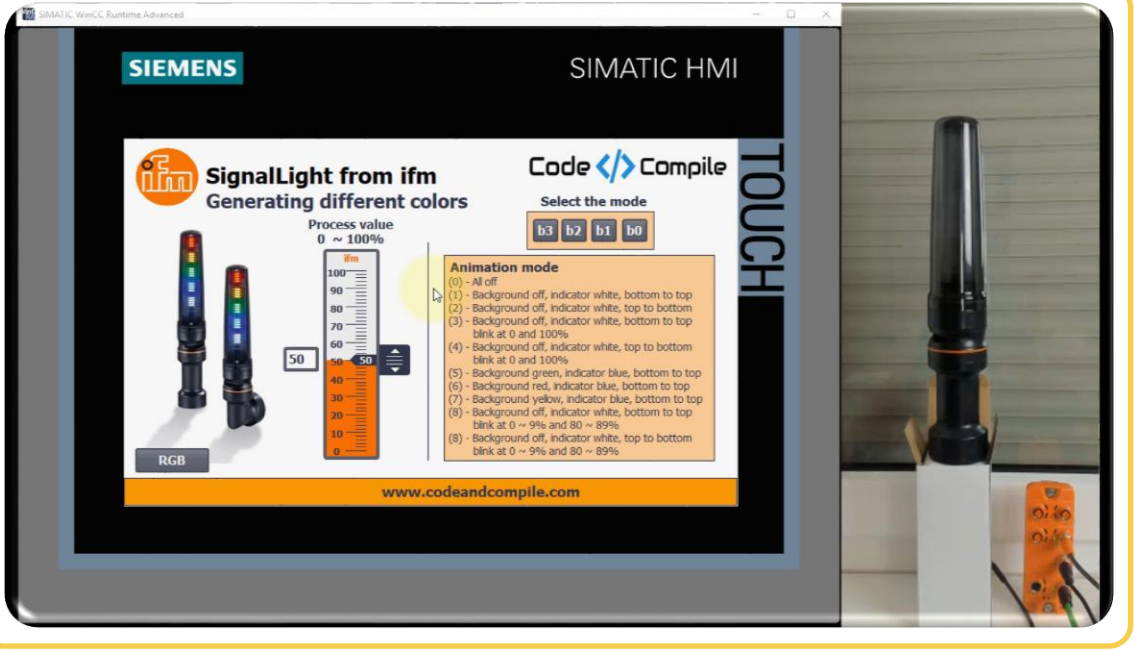
Signal lamp

Signal lamp is capable of
generating animation based on process value

5 x 4 LEDs

Segment 1
Segment 2
Segment 3
Segment 4
Segment 5

Buzzer



presents you

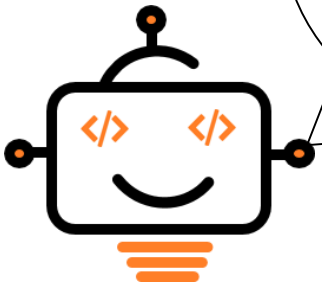
Signal lamp

5 x 4 LEDs

Segment 1
Segment 2
Segment 3
Segment 4
Segment 5

Buzzer

To program the signal lamp you need..



Install Signal lamp and make monitoring smart and flexible

To buy Signal lamp from ifm visit

https://goo.gl/4CCFuK

Link is also given in the video description