



Systems for condition monitoring
of machines

Configurable signal lamps

TOP
PRODUCT



Systems for signalling
and indication



Perfect visibility

**Modern LED RGB technology –
long life, reduced stock-keeping**

**Different modes configurable
via IO-Link or setting menu**

**Also as standard version with
digital inputs**

Easy installation




High performance

Signal lamps are used for status indication or as warning device everywhere in factories on machines, conveyors and installations. ifm's innovative signal lamps offer several advantages over conventional signal lamps and are therefore suitable for demanding applications.

Flexible configuration

In general signal lamps must be adapted to the application. Instead of spending time and effort on screwing modules of different colours together, the new LED RGB technology makes it possible to adjust the signal lamp as needed via IO-Link or setting button (e.g. permanently on, low flash rate, high flash rate, different colours, siren). This reduces type variety and stock-keeping.



Type	Communication	Items supplied	Protection rating	Dimensions [Ø x H mm]	Order no.
5-segment signal lamp · M12 connectors					
	Digital inputs / IO-Link	Mounting base	IP 65	70 x 344	DV1500
	Digital inputs / IO-Link	Mounting base and siren	IP 54	70 x 384	DV1510
	Digital inputs / IO-Link	–	IP 65	70 x 244	DV1520
	Digital inputs / IO-Link	Siren	IP 54	70 x 284	DV1530
	IO-Link	Mounting base	IP 65	70 x 344	DV2500
	IO-Link	Mounting base and siren	IP 54	70 x 384	DV2510
	IO-Link	–	IP 65	70 x 244	DV2520
	IO-Link	Siren	IP 54	70 x 284	DV2530

Versions

The DV15xx signal lamp has digital inputs and can be configured by means of a setting button on the device. The DV25xx signal lamp can be controlled and set via IO-Link without a setting button.

For demanding environments

Neither water nor dust stick to the smooth surface of the lamp body. This prevents dirt from sticking, ensuring visibility of the signal lamp in the long run. No metallic components such as screws or connectors are exposed. This means that the lamps are particularly suited for use in the food industry and in the medical, pharmaceutical or chemical sector.

Optimum visibility

The patented technology creates a strong contrast between the light spot of the LED and the environment. This ensures optimum visibility, in particular in the event of extraneous light, for example in the vicinity of large windows.

Long life

The use of LED technology means the signal lamp has a very long life.

Adaptable

The LED RGB technology allows the signal lamp to be individualised (permanently on, low flash rate, high flash rate, different colours). This reduces type variety and stock-keeping.

The lamp can be put into different operating modes, e.g. analogue mode for level indication. 7 different signal sounds can be set for the siren.

Easy installation




A fixture is supplied with the device. In addition, a version with a mounting base is available which allows raised installation. This mounting base can be rotated by 90 degrees so that wall mounting is possible without further accessories. Moreover, accessories for pole mounting are available.

We reserve the right to make technical alterations without prior notice. · 11/2017



Common technical data

Operating voltage	[V DC]	18...30
Current consumption	[mA]	< 200
Ambient temperature	[°C]	-25...50
Light technology		RGB
Number of segments		5
MTTF in hours		660,000
Housing materials		ABS, PC

Accessories

Type	Description	Order no.
	Basic fixture	E89060
	Wall fixture	E89061
	Spacer pole 100 mm	E89065
	Spacer pole 300 mm	E89066
	Spacer pole 800 mm	E89067

Connection technology

Type	Description	Order no.
	Socket, M12, 8 poles, 2 m black, PUR cable	E11950
	Socket, M12, 8 poles, 5 m black, PUR cable	E11807
	Socket, M12, 8 poles, 10 m black, PUR cable	E11311
	Socket, M12, 8 poles, 15 m black, PUR cable	E11856
	Jumper M12 / M12, 1 m black, PUR cable	E12572