



Systems for condition monitoring  
of machines



# Configurable signal lamps



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.
<b>5-segment signal lamp · M12 connectors</b>					
	Digital inputs / IO-Link	Mounting base	IP 65	70 x 344	<b>DV1500</b>
	Digital inputs / IO-Link	Mounting base and siren	IP 54	70 x 384	<b>DV1510</b>
	Digital inputs / IO-Link	–	IP 65	70 x 244	<b>DV1520</b>
	Digital inputs / IO-Link	Siren	IP 54	70 x 284	<b>DV1530</b>
	IO-Link	Mounting base	IP 65	70 x 344	<b>DV2500</b>
	IO-Link	Mounting base and siren	IP 54	70 x 384	<b>DV2510</b>
	IO-Link	–	IP 65	70 x 244	<b>DV2520</b>
	IO-Link	Siren	IP 54	70 x 284	<b>DV2530</b>

### 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.

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		PA (polyamide)

### Accessories

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

### Connection technology

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

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