Rapid detection of machine states, thanks to the many different color options of the multicolor light indicator

MCI multicolor light indicator

The MCI multicolor light indicator is able to display a large variety of colors, which makes it possible to display a wide range of machine states. As such, fewer indicator lights are required and more information can be displayed centrally.

The pilot devices of the RMQ Titan series meet all the safety and efficiency requirements for work on machines and systems. What's more, the RMQ components combine modern industrial design with an attractive appearance and practical handling. The multicolor LED elements of the RMQ family are CSA, UL and CE certified.

The MCI is available as an M22 version with SmartWire-DT, or as an RMQ compact solution version.

M22 version

The multicolor LED element with direct SmartWire-DT connection can display up to 16 million colors and is thus much more versatile than conventional indicator lights.

The multicolor element can be controlled and configured via the SmartWire-DT master. In addition to colors, users also have the option to individually configure the flashing frequencies. The indicator light can also be dimmed in eight stages to optimally adapt to existing lighting conditions.

Pre-programmed software profiles are also available to further simplify configuration. Via SmartWire-DT, devices from the RMQ family can communicate digitally with each other.
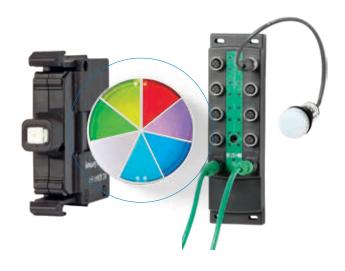
RMQ compact solution

The RMQ compact solution version enables the visualization of different machine states using up to 5 colors and 2 different flash settings. Where several devices were previously required, a single multicolor LED element can now display all the required signals.

The great advantage of the RMQ compact solution devices is that they come with pre-installed cables, connectors and housings. This means that they can be installed directly inside machine rooms.

Thanks to the M12 connector and the different cable lengths, the MCI devices can be installed by means of a simple "plug & play" action that requires little effort.

Due to the high degree of protection at both the front (IP65/67/69) and the rear (IP65), they can also easily withstand even extreme environmental conditions. As such, they are ideally protected against dirt and water.

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MCI – multicolor light indicator
Technical data

Part no.	C22-L-BWR-24-P1	C22-L-RGY-24-P1	C22-L-RGBYW-24-P72	M22-SWD-LED-RGB M22-SWD-LEDC-RGB
Article no.	197656	197569	197574	197576 198598
Product range	C22 / RMQ compact solution			M22 RMQ Titan
Basic function	Complete indicator light			LED elements
Type	Complete device			Modular device
Connection type	Cable (black) with M12 plug, 4-pole	Cable (black) with M12 plug, 4-pole	Cable (black) open, 5-pole	SWD4-8SF2-5 M22-SWD-I…LP
Cable length	0.2 m	0.2 m	1 m	No cable
Color of LED	Blue / white / red	Red / yellow / green	Red / green / blue / white / yellow / flashing	RGB / up to 16 million colors
Rated operational voltage Ue with DC	24 V			30 V
Degree of protection (IEC/EN 60529, EN50178, VBG 4)	IP66, IP67, IP69 (at the front), IP65 (at the rear)			IP20
SmartWire-DT connection	No			Yes
Certifications	CE, UL, CSA			CE (UL, CSA in 2020)
Operating ambient temperature Max.	70 °C			70 °C
Mounting type	Front mounted			Front mounted/base mounted

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