



CryoMatic

Level measurement in liquid nitrogen

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We reserve the rights for this elaboration according to DIN ISO 16016. Any depicted design corresponds to the current state of technology. Alterations to this embodiment will void validity.

Application CryoMatic is wired to a 6-level-LED-sensor and gives information about the level of liquid nitrogen in a container. The output signal can directly drive a SPS. CryoMatic can be used as a standalone device as well, since the level is also indicated optically by LEDs.

Structure



Description Because of its case for top hat rail CryoMatic can easily be integrated to a switch cabinet. 6 digital signals indicate the level of liquid nitrogen in the container, another 6 signals indicate, if each LED in the sensor works correctly. In the case of the failure of a sensor LED, interpreting these signals makes an emergency mode possible.

A failing of on of the LEDs would be indicated by an additional collective failure signal.

Techn. Data

CryoMatic		
Width	mm	90
Height	mm	70
Length	mm	105
Voltage supply	Volt DC	24
Current consumption	mA	150
Weight	Kg	0,18

Options 6-Level Sensor to capture the reading points. This sensor is customized for each container.