



The SD14 special detector



For photometric measurements in areas and spaces where high voltages are present, and in other areas where metallic cables should not be used.

The Hagner Special Detector SD-14

The Hagner SD-14 is a detector employing a non-metallic light-guide designed for photometric measurements in areas and spaces where high voltages are present, and in other areas where metallic cables should not be used.

The unit consists of a detector housing and a light-guide of any length required, which is a non-conductor of electricity. The light guide has a high optical transmission, slightly higher in the red than the blue, so that measurements with a precise V_{λ} (CIE) spectral response can not be performed.

The SD-14 is intended to be used with Hagner photometers E4-X, MCA-1600 or S3 and be employed to measure or check radiation levels, command alarms, switching functions etc.

The final optical system of the SD-14 can be designed to meet the customer requirements.

Light guide lengths of 50 metres have been successfully tested in areas with high voltage switchgears.