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GELBAU - SENSING STRIPS

3100.0804
Safety Edge Profile 51mm STD with Lip



- No mechanical components
- Easy installation
- IP67 (factory fitted)

PRODUCT DESCRIPTION

The sensing strips consist of two layers of rubber, one with conductive and one normal insulating rubber. A copper wire embedded in two separated layers of conductive rubber together with a resistor at the end of the sensing strip, forms a closed circuit. If the separated layers are pressed together there is a short-circuit, the control unit react and its outputs release. In the same set hammer the control unit reacts to an open-circuit in the cable or in the sensing strip's copper conductor. Several sensing strips can be easily connected in series. Up to 100 m of sensing strip can be connected to one control unit.

TECHNICAL DATA

Contact voltage	5 V
Contact current	0.6 mA

Height	51 mm
Terminal strip length max	100 m
Number of terminal strips max	10
Material	EPDM
Temperature ambient from	-10 °C
Temperature ambient to	50 °C

Approvals	CE, TÜV NORD
IP class	IP67
In compliance with	EMC, LVD, MD

Profile cross-section
Contact-Duo 3100.0804B

