



ACTIVATION DEVICES AND SENSOR SYSTEMS

GEZE ES 80 Elbow switch



GEZE ES 80

For operating automatic doors

The GEZE ES 80 is for use with automatic internal and external doors. The sensor's radar field is clearly defined (narrow field, broad field) and ensures reliable detection. The integrated movement-detection function detects even slow movements, which is helpful for individuals with reduced mobility.

The GEZE ES 80 infrared contactless elbow switch has a blue LED lit in standby mode, and a green LED when activated. It is activated by moving the hand in front of the contactless sensor.

Application areas

- Operating automatic door drives
- Buildings with need for barrier-free access
 - Private homes
 - Hospitals and nursing homes
 - Hotels and restaurants

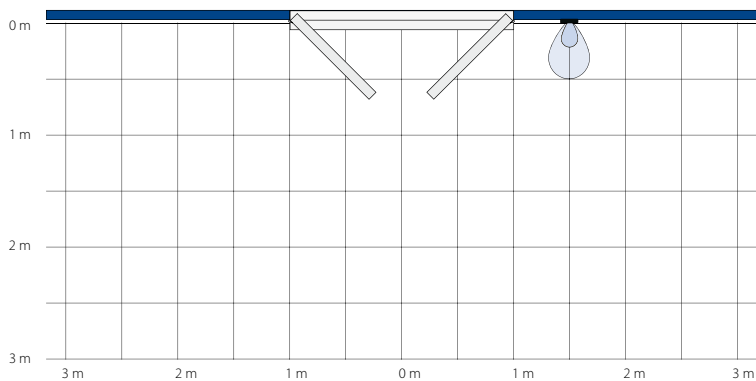
Product characteristics

- Dimensions (h x w x d): 260 mm x 80 mm x 28 mm
- Integral buzzer: Can be set to ON or OFF using switch (supplied by default in ON position)
- Protection class: For installation inside buildings.
- Can be installed externally under cover; directly exposed to rain or water is not recommended.

Technical data

Product features	GEZE ES 80
Power supply	12 V DC – 24 V DC \pm 5%
Consumption	12 V DC standby 30 mA, in operation 45 mA; 24 V DC standby 20 mA, in operation 30 mA
Output	NO & NO / NC & NC (max. 1 A / 30 V DC; 0.3 A / 125 V AC)
IP classification	None
Time open	0.5–20 seconds
External diameter of IR sensor	38 mm
Sensor range	4–15 cm
Integral buzzer	Can be set to ON or OFF using switch (supplied by default in ON position)

DETECTION AREA AND APPLICATION EXAMPLE



Scanned area: 4 - 15 cm

Order information

Description	Version	ID nr.
GEZE ES 80 Contactless elbow switch for automatic door system	Natural-anodised black aluminium	180259

Connecting expertise – building solutions.



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