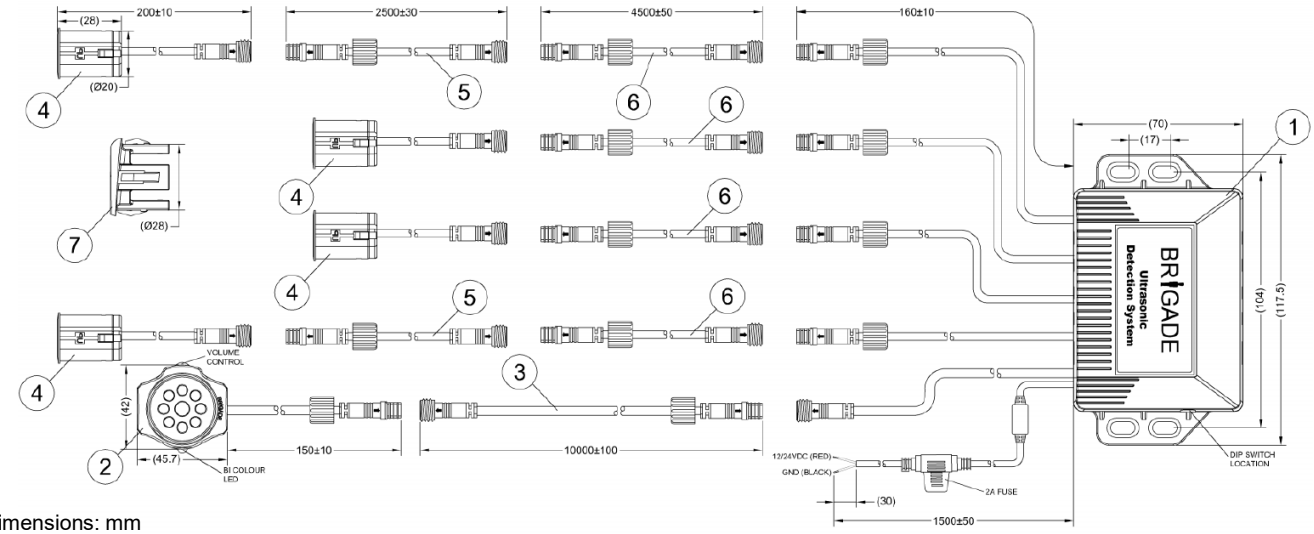
Product Specification

Brigade Model Number: **SS-4100W (TA)**

Brigade Part Number: **5708**



Dimensions: mm

Product Specification

Technical Specifications

- Operating Voltage: 12/24Vdc
- Current Consumption: 200mA @ 12Vdc
- Power Consumption: 2.4 Watts @ 12Vdc
- Buzzer Frequency: 2400Hz ± 200Hz
- Buzzer Volume: 72-90 ±5 dB @ 30cm
- Sensor Frequency: 40KHz ± 2KHz
- No. of sensors: 4
- No. of detection zones: 3
- Zone distances: Zone 1 = 0.0/0.9 - 0.6/1.2m
Zone 2 = 0.6/1.2 - 1.0/1.5m
Zone 3 = 1.0/1.5 - 1.5/2.5m
- Zone tolerance: ±10cm
- Min sensor height: >40cm
- Max sensor cable length: 10m
- Detection Angle: 90°(H), 60°(V)
- Cable Specification: 24 AWG
- Casing Material: Plastic
- Colour: Black

Environmental Specifications

- Vibration Rating: 5G
- Shock rating: 10G
- Connector & Sensor IP Rating: IP68
- ECU IP Rating: IP69K
- Operating Temperature: -30° to +80 °C
- Storage Temperature: -40° to +85°C

Approved Standards

- CE
- FCC
- “E” Mark (UNECE Regulation 10 revision 04)
- RoHS
- HALT

Features

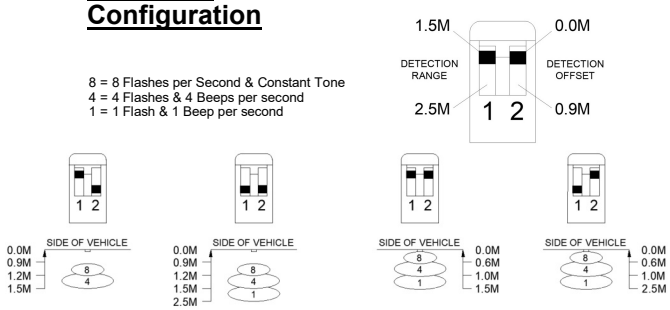
- 1.5m or 2.5m detection range (selectable via dip switch).
- Zero or 0.9m offset (selectable via dip switch).
- Buzzer with audible distance warning, LED & adjustable volume control.
- Buzzer will silence if there is no change in detection distance within 4 seconds.
- Environment Learning Mode (ELM) - Prevents false alarms from vehicle ancillary equipment intruding into the first 1m of the detection zone.
- Detection within 200ms.
- Configurable sensor mounting (through hole or under slung).
- Common components throughout UDS range.

Package Contents

- 1 x SS-4100W-ECU(TA) - System ECU **(1)**
- 1 x UDS-001BZ - System Buzzer **(2)**
- 1 x UDS-10BC - 10m Buzzer Cable **(3)**
- 4 x UDS-000HSS - High Sensitivity Sensor **(4)**
- 2 x UDS-2.5SC - 2.5m Sensor Cable **(5)**
- 4 x UDS-4.5SC - 4.5m Sensor Cable **(6)**
- 4 x UDS-11SS - 11° Sensor Sleeve **(not shown)**
- 4 x UDS-00SS - 0° Sensor Sleeve **(7)**
- 4 x UDS-SM - Under slung mounting **(not shown)**

Dipswitch Configuration

8 = 8 Flashes per Second & Constant Tone
4 = 4 Flashes & 4 Beeps per second
1 = 1 Flash & 1 Beep per second



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