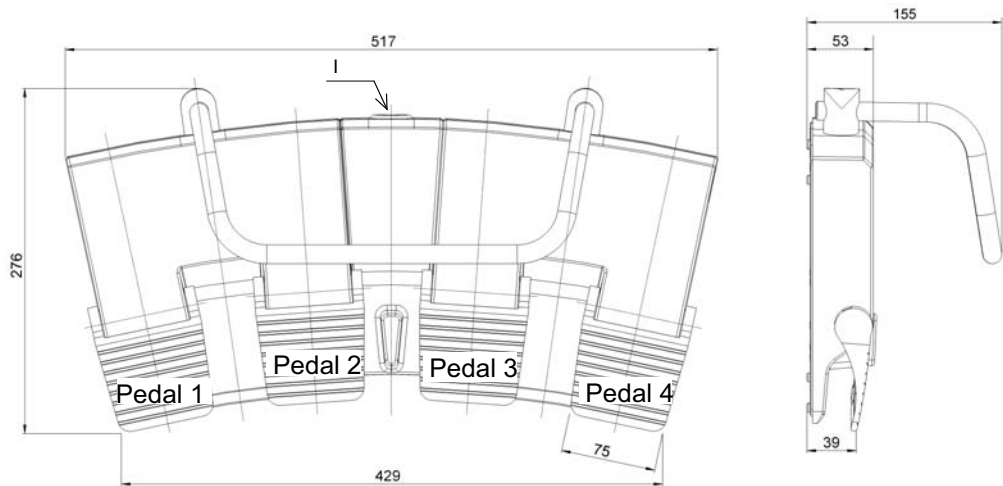
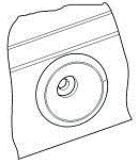


Foot-switch Series MF4

Description **MF4-500-500/500-500-BI-0**

Article number **6060400005**

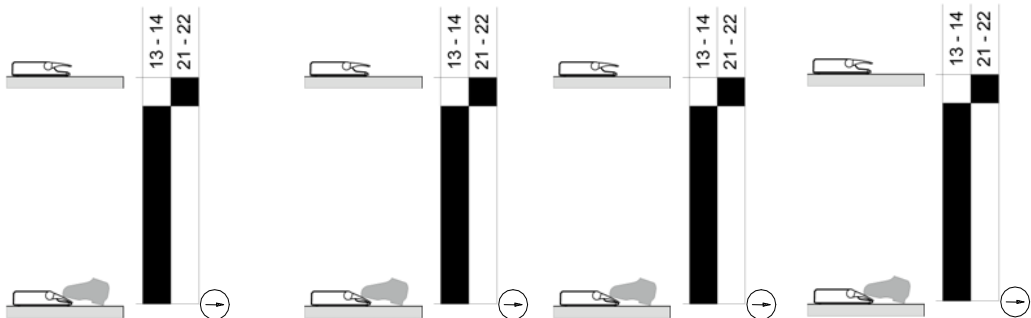
I-Cable gland
Typ inside



Switching symbol



Operating diagramme




| Electrical Data | | |
|---|---------------|-----------------------------------|
| Rated operational voltage | U_e | $\leq 30 \text{ V DC}$ |
| Rated operational current | I_e | $\leq 0,5 \text{ A}$ |
| Direct opening action (only switch from pedals) | \rightarrow | acc. to IEC/EN 60947-5-1, annex K |
| Protection class | | I |

| Mechanical data | | |
|---------------------------------|---------------------------------|---|
| Enclosure | | AL, die-cast (powder-coated), Pantone Cool Gray 2c |
| Cover | | AL, die-cast (powder-coated), Pantone Cool Gray 2c |
| Actuator | | 3 Pedals (Thermoplastic), RAL 7036 platinum gray |
| Ambient air temperature | $t = \infty$ | $-10 \text{ °C} \leq T \leq +80 \text{ °C}$ |
| | $t \leq 2 \text{ h (cleaning)}$ | $-10 \text{ °C} \leq T \leq +95 \text{ °C}$ |
| Normal use condition | temperature | $+10 \text{ °C} \leq T \leq +40 \text{ °C}$ |
| | air humidity | 5 % ... 95 % - no condensation |
| | atmospheric pressure | 700 hPa ... 1060 hPa |
| Storage and transport condition | temperature | $-20 \text{ °C} \leq T \leq +80 \text{ °C}$ |
| | air humidity | 5 % ... 95 % - no condensation |
| | atmospheric pressure | 700 hPa ... 1060 hPa |
| Contact type | | 4 changeover (Zb) |
| Operating force (pedal centre) | | $15 \text{ N} \pm 10 \%$ |
| Mechanical life | | $>1 \times 10^6$ operating cycles |
| Switching frequency | | max. 50/min |
| Connection | | screw terminals |
| Conductor cross-sections | | Solid: $0,5 - 1,5 \text{ mm}^2$ |
| | | Litz wire with ferrules: $0,5 - 1,5 \text{ mm}^2$ |
| Protective conductor terminal | | 1 x M4 |
| Cable entrance | | 1 x cable gland inside M16 x 1,5 (clamp-range $\varnothing 3 - 7 \text{ mm}$) |
| Weight | | $\approx 4,5 \text{ kg}$ |
| Protection type | | IPX8 acc. to IEC/EN 60529 (0,15 bar / 1 h) |

| ID for safety engineering | |
|---------------------------|------------------------|
| B10d | 2×10^6 cycles |

| Regulations | |
|-------------|--|
| | VDE 0660 T100, DIN EN 60947-1, IEC 60947-1 |
| | VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1 |
| | IEC 60601-1 |
| | UL 60601-1 |
| | DIN EN ISO 13849-1 |

| | |
|--|---|
| Approvals | |
| Only if approved components are used. |  |
| Test | |
| AP | |
| Notes | |
| <p>The specified protection classification (IP code) applies only when the cover is closed and the appropriate cable is used, in accordance with the clamping range of the above mentioned cable gland. Selection of components and installation of the grounding equipment conductor must fulfil IEC 60601-1 / UL 60601-1 requirements.</p> | |