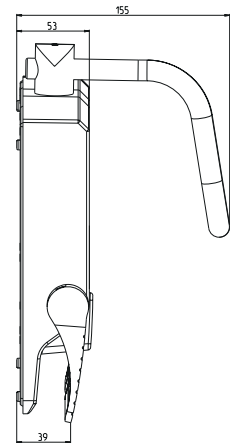
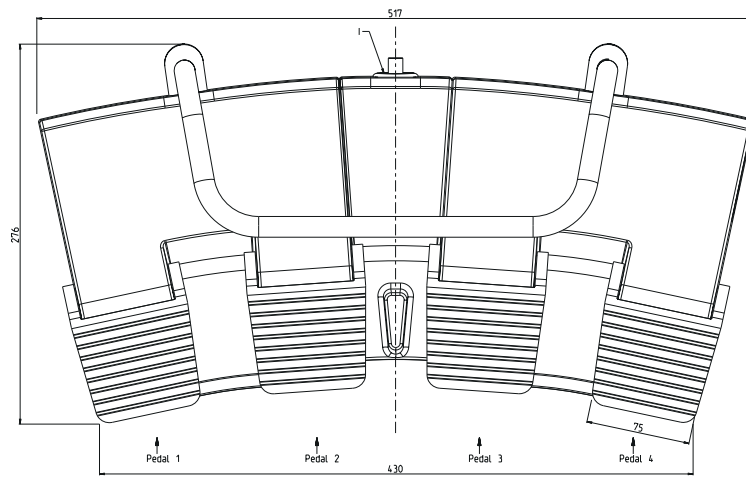
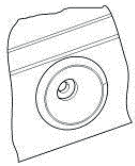


Foot-switch Series MF4

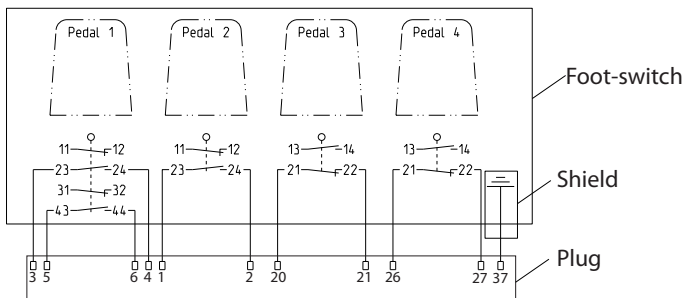
Description **MF4-101-100/500-500-BIS-99**

Article number **6160400018**

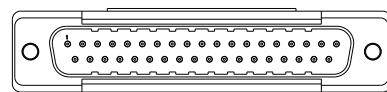
I-Cable gland
Typ inside



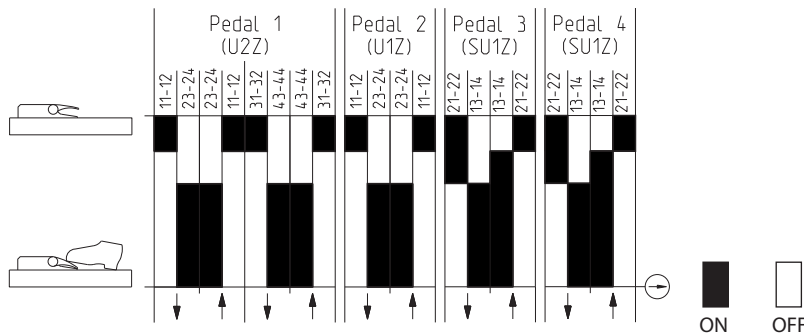
Switching symbol




Sub-D Plug



Operating diagramme



Electrical Data		
Rated operational voltage	U_e	≤ 30 V DC
Rated operational current	I_e	$\leq 0,5$ A
Direct opening action		acc. to IEC/EN 60947-5-1, Annex K (pedal stop)

Mechanical data		
Enclosure		AL, die-cast (powder-coated), Pantone Cool Gray 2c
Cover		AL, die-cast (powder-coated), Pantone Cool Gray 2c
Actuator		4 Pedals (Thermoplastic), RAL 7036 platinum grey Pedal 1+2 RAL 7036 platinum grey, Pedal 3 RAL 1004 golden yellow, Pedal 4 RAL 5015 sky blue
Ambient air temperature	$t = \infty$ $t \leq 2$ h (cleaning)	-10 °C $\leq T \leq +70$ °C -10 °C $\leq T \leq +70$ °C
Normal use condition	temperature air humidity atmospheric pressure	$+10$ °C $\leq T \leq +40$ °C 5 % ... 95 % - no condensation 700 hPa ... 1060 hPa
Storage and transport condition	temperature air humidity atmospheric pressure	-20 °C $\leq T \leq +70$ °C 5 % ... 95 % - no condensation 700 hPa ... 1060 hPa
Contact type		pedal 1: 2 Changover (slow action) pedal 2: 1 Changover (slow action) pedal 3: 1 Changover (snap action) pedal 4: 1 Changover (snap action)
Operating force (pedal centre)		15 N \pm 10 %
Mechanical life		$>1 \times 10^6$ operating cycles
Switching frequency		max. 50/min
Connection		IGUS cable: CF140.02.12.UL, 3 m \pm 5 % with Sub-D plug, 37-pole (TE CONNECTIVITY Art.-No.: 167295-1 with CONEC enclosure Art.No.: 165X17339X)
Cable entrance		1 x cable gland inside M20 x 1,5 (clamp-range 7 – 12 mm)
Weight		$\approx 5,4$ kg
Protection type	Switch Plug	IPX8 acc. to IEC/EN 60529 (0,15 bar / 1 h) IP 20 nach IEC/EN 60529

ID for safety engineering	
B10d	2×10^6 cycles

Standards	
	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
	DIN EN ISO 13849-1

EU Conformity	
	acc. to directive 2006/42/EC (Safety-of-Machinery-Directive)

Notes

The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent cable gland with adequate cable.

Selection of components must fulfil IEC 60601-1 / UL 60601-1 requirements.