

# FOOT SWITCHES

PRODUCT NUMBER 2420.0101



## TECHNICAL DATA

<b>Product number</b>	<b>2420.0101</b>	
Business unit	Switches, Sensors & Controls	
Product Manager	Hengstler	
Product family	Foot switches	
Actuation type	direct	
Weight	272.000 g	
ROHS conform	yes	
Output	Web-Shop / catalog	
Distributor	EVG	
Switching function	Normally open contact (SPNO)	
Material fixed contact	AgNi	
Number of poles	1 - pole	
connections	Socket terminal, M3	
Mechanical life endurance	1E5	
Rating IEC	14 (4) A 250 V AC 5E4	
Contact resistance (new condition)	< 100 mOhm	
Proof tracking	250 PTI	
Insulation spacing	acc. to EN 61058 for reinforced or double insulation	
Protection type	→ Connection	IP 65 and IP 67
	→ Actuator	IP 66 and IP 67
Ambient temperature	→ connection side	-20 °C ... +85 °C
Ambient temperature	→ Actuation side min.	-20 °C ... +85 °C
Actuators and additional actuators	foot plate: PA glass fiber-reinforced, black	
Housing description	base plate: PA glass fiber-reinforced, black, 4 rubber feet cover: PA glass fiber-reinforced, black cable bushing: PA glass fiber-reinforced, black, with gasket	
Connection surface	→ bearing connection	nickel-plated

	→ external connection	nickel-plated
Contact material	AgNi	
Contact distance	< 3 mm	
Basic components	1080.0284	
Contact type	jump contact	
Operating force	35 ±10 N	
Free position (FP) max.	25 ±2 mm	
Operating position (OP)	20.9 ±2 mm	
Permissible total travel position	16.9 ±2 mm	
Approval marks	ENEC 10	
Suitable for appliances of protection class	II	
Miscellaneous	with strain relief	
Additional labeling	site, year, week, day of manuf.	
Degree of pollution	3	
Type of connection	1.2 Single pole, single load (single-pole disconnection), 2.2 Single pole, single load (single-pole disconnection)	
Stock version	●	

Technical changes reserved. Dimensions are not binding.  
Detailed specifications available on request.

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