



Characteristics

Type: 8382

Model: Vibrating forkswitch

Sensor material: Stainless steel 316L

Sensor quality class: 1.4401 / 1.4404

Material switch housing: Polyamide, glass-fibre reinforced

Electrical connection: Cable screw gland M20 x 1.5

Time delay: 0,3 / 1 / 3 / 10 / 30 Seconds dry-to-wet or wet-to-dry s

Max. operating pressure: 100 bar

Medium temperature: -40 / 150 °C

Ambient temperature: -40 / 80 °C

Min. specific density of liquid: 600 kg/m³

Max. viscosity: 10000 mm²/s

Level of protection (IP value): IP66/IP67

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Process connection	Size process connection	Insert length mm	Supply voltage	Switching power	Type of output	Explosion-proof	Ex-class	ATEX Zone	Approvals	Article
External thread (BSPT)	1" [25]	44	20 - 60V DC	60V DC / 500 mA	PNP Transistor	No				12725886
External thread (NPT)	1" [25]	44	20 - 60V DC	60V DC / 500 mA	PNP Transistor	No				12725896
External thread (BSPP)	1" [25]	44	20 - 60V DC	60V DC / 500 mA	PNP Transistor	No				12725891
External thread (BSPT)	1" [25]	44	24V DC		IS 8 / 16 mA	Yes	II 1GD Ex ia IIC T5...T2 Ga	Zone 0 / 1 / 2	ATEX IECEx	12725887
External thread (NPT)	1" [25]	44	24V DC		IS 8 / 16 mA	Yes	II 1GD Ex ia IIC T5...T2 Ga	Zone 0 / 1 / 2	ATEX IECEx	12725897
External thread (BSPP)	1" [25]	44	24V DC		IS 8 / 16 mA	Yes	II 1GD Ex ia IIC T5...T2 Ga	Zone 0 / 1 / 2	ATEX IECEx	12725892
External thread (BSPT)	3/4" [20]	44	8V DC		IS NAMUR [EN 50227]	Yes	II 1GD Ex ia IIC T5...T2 Ga	Zone 0 / 1 / 2	ATEX IECEx	12725873
External thread (NPT)	3/4" [20]	44	8V DC		IS NAMUR [EN 50227]	Yes	II 1GD Ex ia IIC T5...T2 Ga	Zone 0 / 1 / 2	ATEX IECEx	12725883
External thread (BSPP)	3/4" [20]	44	8V DC		IS NAMUR [EN 50227]	Yes	II 1GD Ex ia IIC T5...T2 Ga	Zone 0 / 1 / 2	ATEX IECEx	12725878
External thread (BSPP)	3/4" [20]	44	20 - 264V AC / 20 - 60V DC	250V / 3,5 A / 875VA AC - 30V / 3,5 A / 170 W inductive - 250V / 5 A / 1250VA AC - 30V / 5 A / 240W resistive	Relay DPDT	No				12725880
External thread (BSPT)	3/4" [20]	44	20 - 264V AC / 20 - 60V DC	264V AC / 20 - 500 mA - 60V DC / 20 - 500 mA	Direct load	No				12725874
External thread (BSPP)	3/4" [20]	44	20 - 264V AC / 20 - 60V DC	264V AC / 20 - 500 mA - 60V DC / 20 - 500 mA	Direct load	No				12725879
External thread (BSPT)	3/4" [20]	44	20 - 264V AC / 20 - 60V DC	250V / 3,5 A / 875VA AC - 30V / 3,5 A / 170 W inductive - 250V / 5 A / 1250VA AC - 30V / 5 A / 240W resistive	Relay DPDT	No				12725875
External thread (NPT)	3/4" [20]	44	20 - 264V AC / 20 - 60V DC	264V AC / 20 - 500 mA - 60V DC / 20 - 500 mA	Direct load	No				12725884
External thread (NPT)	3/4" [20]	44	20 - 264V AC / 20 - 60V DC	250V / 3,5 A / 875VA AC - 30V / 3,5 A / 170 W inductive - 250V / 5 A / 1250VA AC - 30V / 5 A / 240W resistive	Relay DPDT	No				12725885
External thread (BSPP)	3/4" [20]	44	20 - 60V DC	60V DC / 500 mA	PNP Transistor	No				12725876
External thread (NPT)	3/4" [20]	44	20 - 60V DC	60V DC / 500 mA	PNP Transistor	No				12725881
External thread (BSPT)	3/4" [20]	44	20 - 60V DC	60V DC / 500 mA	PNP Transistor	No				12725871
External thread (BSPT)	3/4" [20]	44	24V DC		IS 8 / 16 mA	Yes	II 1GD Ex ia IIC T5...T2 Ga	Zone 0 / 1 / 2	ATEX IECEx	12725872
External thread (NPT)	3/4" [20]	44	24V DC		IS 8 / 16 mA	Yes	II 1GD Ex ia IIC T5...T2 Ga	Zone 0 / 1 / 2	ATEX IECEx	12725882
External thread (BSPP)	3/4" [20]	44	24V DC		IS 8 / 16 mA	Yes	II 1GD Ex ia IIC T5...T2 Ga	Zone 0 / 1 / 2	ATEX IECEx	12725877

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