

D-Module with three proximity switches Pepperl+Fuchs type SJ3,5-N, in stainless steel housing
 Ø154 x 76 mm, with vision beacon "OPEN+CLOSED", feedback signal 2x OPEN + 1x CLOSED

TECHNICAL DATA

Manufacturer:	Pepperl+Fuchs
Type:	SJ3,5-N, NC NAMUR
Depth of immersion:	5 ... 7 mm
Nominal voltage:	8,2 V DC
Current consumption:	>= 3 mA, inactive <= 1 mA, active
Temperature:	-25 ... +85 °C ¹⁾
Switch. frequency:	0 ... 3000 Hz
Housing:	Stainless steel with vision beacon OPEN/CLOSED (yellow/red)
Sealing:	VMQ
Ingress protection ²⁾ :	IP67 / IP68 (depth: 25 m / duration 24 h) / IP69K
Switching precision:	< 1,5°
Adjustment:	Travel undamped End position damped
System connection:	4x thread M20x1,5 (without cable glands)
Clamps:	Screw clamps 2,5 mm ² , detachable, with locking

¹⁾ The assignment between the max. permissible ambient temperature, the temperature class and the electrical supply data of the intrinsically safe circuit, must be taken from the EC-type examination certificate of the sensor.

²⁾ With suitable cable glands / blinds plug only

EX-MARKING

Ex II 2G Ex ia IIC T6...T4 Gb

Ex II 2D Ex ia IIIC T80°C...T105°C Db

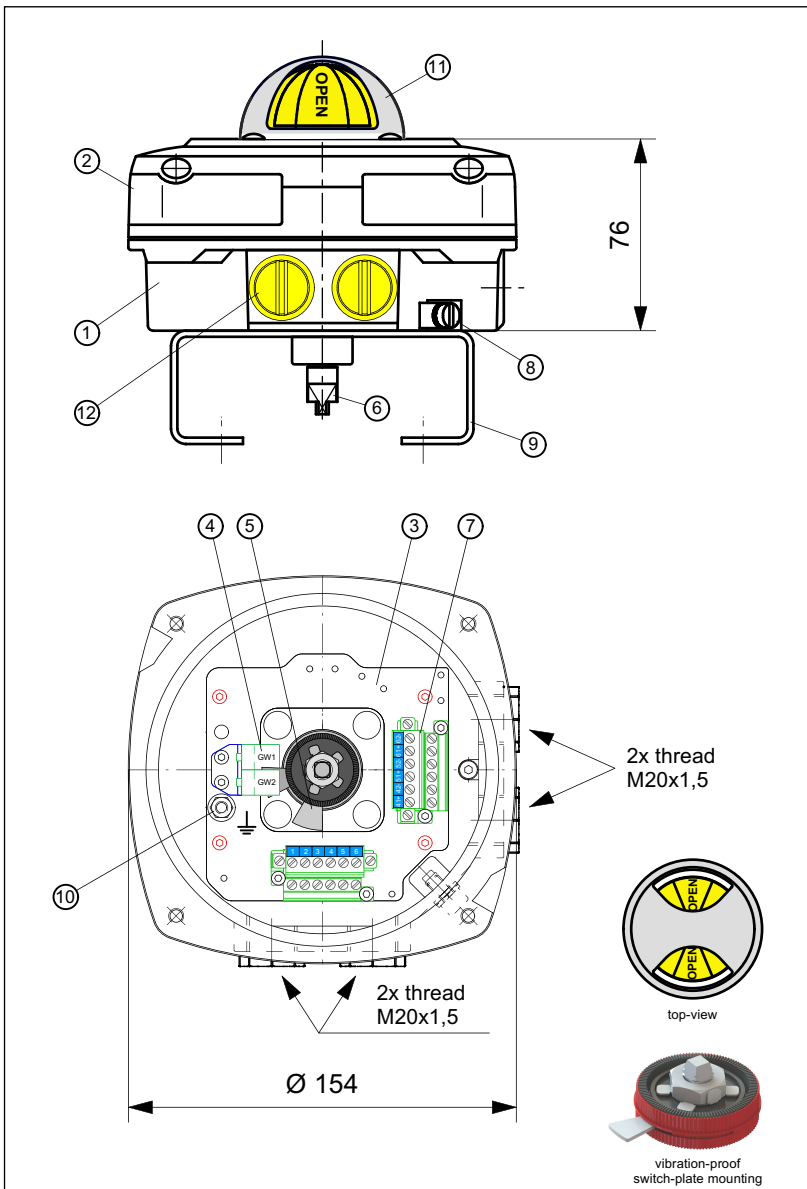
EC-type examination certificate no.:

IBExU13ATEX1005X

Ex ia IIC T6...T4 Gb

Ex ia IIIC T135°C Db

Certificate no.: 2023322304005132



OBJECT LIST

Pos.	Pcs.	Description	Material
1	1	Housing base	Stainless steel (A4)
2	1	Housing cover	Stainless steel (A4)
3	1	Mounting plate	Stainless steel (A4)
4	3	P+F SJ3,5-N	-
5	3	Switch-plate ³⁾	Stainless steel (A4)
6	1	Axis	Stainless steel (A4)
7	2	Terminal block, 6-pole	-
8	1	External grounding	Stainless steel (A4)
9	1	Bracket size 1 - 4 ⁴⁾	Stainless steel (A4)
10	1	Grounding screw for surge protections	Stainless steel (A4)
11	1	Vision beacon "OPEN+CLOSED" + protector	Macrolon+ABS / A4
12	4	Screw plug M20x1,5 (yellow)	PE-LD

3) version: end position "damped"

4) not included in scope of delivery

WIRING DIAGRAM

