

EC-Type Examination Certificate

No. M6A 075157 0036 Rev. 01

Holder of Certificate: **Pizzato Elettrica s.r.l.**
Via Torino 1
36063 Marostica (VI)
ITALY

Product: **Safety components**
Safety Interlocks

Model(s): **NX locking switch**

Parameters: Operating voltage: 24 Vdc $\pm 10\%$
Ambient temperature: $-20^{\circ}\text{C} \dots +50^{\circ}\text{C}$
Max actuation frequency: 600 operation cycles / hour
Max. holding force Fzh: 3 kN
Degree of protection: IP67/IP69K

This EC Type Examination Certificate is issued according to Article 12(3) b or 12(4) a of Council Directive 2006/42/EC relating to machinery. It confirms that the listed Annex-IV equipment complies with the principal protection requirements of the directive. It refers only to the sample submitted to TÜV SÜD Product Service GmbH for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: PM103150T

Valid until: 2030-05-12

Date, 2025-07-07



(Thomas Kreten)

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Annex A – Product nomenclature

NX abcdefghi-jjjkkklIll

with:

a Safety Output Activation functioning mode

- B: Bistable, 'Mode 1': safety outputs active with guard locked
- P: Bistable, 'Mode 2': safety outputs active with guard closed
- Q: Bistable, 'Mode 3': safety output OS1 active with guard locked, safety output OS2 active with guard closed

b Input, output and programming signals

- 3: Two safety inputs IS1 IS2, two safety outputs OS1 OS2, inserted actuator signaling output O3, locked actuator signaling output O4, electro-magnet activation inputs IE1/IE2, reset input I3
- 4: Two safety inputs IS1 IS2, two safety outputs OS1 OS2, inserted actuator signaling output O3, locked actuator signaling output O4, electro-magnet activation inputs IE1/IE2, actuator programming/reset input I3
- 5: Two safety inputs IS1 IS2, two safety outputs OS1 OS2, inserted actuator signaling output O3, locked actuator signaling output O4, electro-magnet activation inputs IE1/IE2, actuator programming/reset input I3, EDM feedback input I5

c Tag code Programming

- 1: Factory programmed
- 2: Programmable

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d Front auxiliary unlock

A: Screw driver auxiliary unlock

C: Modular screwdriver unlock

Z: Without auxiliary unlock

e Rear auxiliary unlock

Z: Without auxiliary unlock

E: Escape Release

f External metal parts

1: Standard

2: Stainless steel

g Connection position

S: Axial connection

h Cable or connector type

A: PVC cable – 12 x 0,14 mm²

B: PVC cable – 8 x 0,25 mm²

E: PUR cable – 8 x 0,25 mm²

M: 12 poles M12 connector (male)

P: 8 poles M12 connector (male) for “stand alone” connections (first device of a daisy chain connection)

Q: 8 poles M12 connector (male) for “Y cable” daisy chain connections

i Connection type

K: Integrated M12 male connector (no cable)

xxx: xxx m cable (e.g. 0.2=0,2 m cable length, 2=2 m cable length, 10=10 m cable length)

Optional codes:

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jjj Actuator

blank	No actuator provided
F60	Provided with VN NX-F60 actuator with low coding level
F61	Provided with VN NX-F61 actuator with high coding level

kkkk Release button length (Non safety)

blank:	Wall thickness length max 15 mm (standard)
LP30:	Wall thickness length max 30 mm
LP40:	Wall thickness length max 40 mm
LP50:	Wall thickness length max 50 mm
Other wall thickness on request	

llll Additional alphanumeric code (Non Safety)

An additional alphanumeric code could be added to the product code for customer's non-electrical variations (e.g. color, special labeling, special packaging, non-safety firmware customization, etc.).