



Product Service

EC-Type Examination Certificate

No. M6A 075157 0036 Rev. 00

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

Product: **Safety components**
Safety Interlocks

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: 2029-07-03

Date, 2024-07-05

(Christian Dirmeier)

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TÜV SÜD Product Service GmbH is Notified Body according to Council Directive 2006/42/EC relating to machinery, notified by publication in the Official Journal of the EC with identification No.0123.

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ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT

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Model(s): NX locking switch

NX abcde1fgh-iiiijjj

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

- 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

- 1** Fixed code

- f** Connection position
 - S:** Axial connection

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Model(s):

g 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 daisychain connection)

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

h Connection type

K: Integrated M12 male connector (no cable)

xxx: xxx m cable (e.g.:0,1 m cable length, 2=2 m cable length, 10=10 m cable length)

Optional codes:

iii 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

jjjj Additional alphanumeric code (Non Safety)

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

Parameter(s):

Operating Voltage: 24 Vdc ±10%

Ambient temperature: -20°C ... +50°C

Max actuation frequency: 600 operation cycles / hour

Max. holding force F_{zh} : 3 kN

Degree of protection: IP67/IP69K