

# EC-Type Examination Certificate

No. M6A 075157 0023 Rev. 02

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

**Product:** **Safety components**

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](http://www.tuvsud.com/ps-cert)

**Test report no.:** **PM86013T**

**Valid until:** 2028-11-05

**Date,** 2023-11-10



( Guido Neumann )

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Model(s):

Safety Sensor NG Locking Switch

NG 2aabcdee-ffgggghhhhhiiiijjj

with:

2 Fixed code

aa Actuator head

D1: Standard head

D5: key operated auxiliary switch head

D6: key operated auxiliary switch and anti-panic release push button head

D7: anti-panic release push button head

D8: key operated auxiliary switch and remote escape release head

D9: remote escape release head

b Functioning mode

D: Power to unlock

E: Power to lock

c Inputs, outputs and programming

2: Two safety outputs OS1 OS2, Inserted actuator signaling output O3, Locked actuator signaling output O4, electro-magnet activation input I4

3: Two safety inputs IS1 IS2, Two safety outputs OS1 OS2, Inserted actuator signaling output O3, Locked actuator signaling output O4, electro-magnet activation input I4

4: Two safety inputs IS1 IS2, Two safety outputs OS1 OS2, Inserted actuator signaling output O3, Locked actuator signaling output O4, electro-magnet activation input I4 Actuator programming 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 input I4, Actuator programming input I3, EDM feedback input I5

6: Two safety inputs IS1 IS2, Two safety outputs OS1 OS2, Inserted actuator signaling output O3, device fault signaling output O4, electro-magnet activation input I4, Actuator programming input I3

7: Two safety inputs IS1 and IS2. Two safety outputs OS1 and OS2. Inserted actuator signaling output O3 (active low), device fault signaling output O4 (active low), electro-magnet activation input I4 or IE1 & IE2, actuator programming input I3.

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- d Safety outputs activation mode
    - 1: Activation of OS1 and OS2 outputs with actuator inserted and locked (guard locked)
    - 2: Activation of the safety outputs with actuator inserted (guard closed)
    - 3: Activation of OS1 output with actuator inserted and locked (guard is closed and locked) and IS1 active. Activation of OS2 output with actuator inserted (guard is closed only) and IS2 active.  
Mode 3 only: SIL 2, CAT2/PL d
  - ee Enclosure cover
    - 1A Standard cover
    - 1B-ZZ Raised cover with or without buttons, LEDs, mushroom-switches (protection degree IP65)
- Options:
- fff Actuator
    - blank No actuator provided
    - F30 provided with VN NG-F30 actuator with low coding level the switch recognizes any type F30 actuator
    - F31 provided with VN NG-F31 actuator with high coding level the switch recognizes one single actuator
  - gggg Preinstalled connectors (Non Safety)
    - blank no connectors (standard)
    - K110 with M12 metal connector assembled and wired, 12 poles from bottom
    - K900 with M23 metal connector assembled and wired, 12 poles from bottom
    - ... Other connectors on request
  - hhhh 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
    - LP60 wall thickness length max 60 mm
    - ... Other wall thickness on request
  - iiii Remote escape release cable length
    - blank remote escape release cable length 5 m (standard)
    - LCxx other cable length
  - 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, gold plated contacts, special labeling, special packaging, etc.)."

## Parameters:

Degree of protection: IP67, IP69K  
 Ambient temperature: -20°C...+50°C  
 Storing temperature: -40°C...+75°C

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