



Product Service

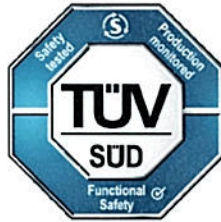
CERTIFICATE

No. Z10 14 03 75157 007

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

Factory(ies): 75157

Certification Mark:



Product: **Safety components**

Model(s): **Safety Hinge Position Switch HX**
For nomenclature see attachment

Parameters:

Max actuation frequency:	600 operations cycles/hour
Mechanical endurance:	1 million operations cycles
Response time	
on contact deactivation:	Maximum 12 ms
on input deactivation:	Maximum 12 ms

Tested according to:

- IEC 61508-1:2010 (SIL 3)
- IEC 61508-2:2010 (SIL 3)
- IEC 61508-3:2010 (SIL 3)
- IEC 61508-4:2010 (SIL 3)
- IEC 62061/A1:2012 (SIL CL 3)
- EN ISO 13849-1:2008 (PL e, Cat. 4)
- EN 60947-5-1/A1:2009
- ISO 14119:2013

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: PM85349T

Date, 2014-04-17


(Jürgen Blum)

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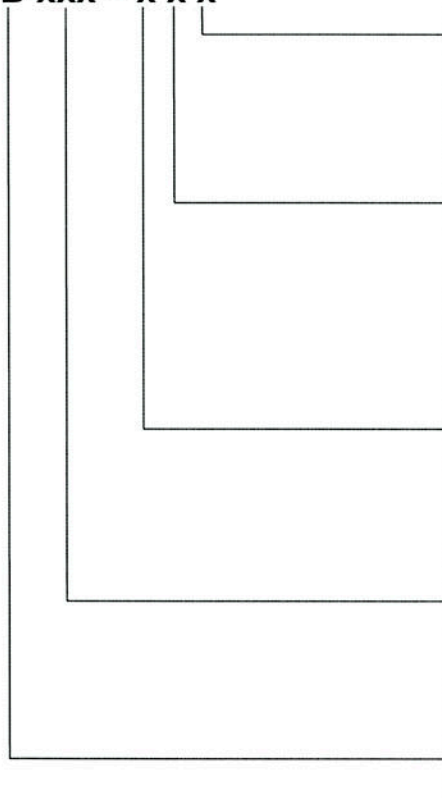
ATTACHMENT

to certificate

No. Z10 14 03 75157 007

Nomenclature of Safety Hinge Position Switch HX

HX B xxx – x x x



Type of cable or connector

- N** Cable PVC IEC 60332-1 black
- R** Cable for railway sector (EN 50306-4), 2 or 4 contacts housing A or B
- M** M12 connector

Cable and connector exit side

- A** Upper cable exit and movable arm on right or lower cable exit and movable arm on left.
- P** Back cable exit, movable arm on right
- Q** Back cable exit, movable arm on left
- S** Lower cable exit and movable arm on right or upper cable exit and movable arm on left.

Connection type

- xxx** 1 or 2 or 3 digits for cable length or connector: 0.3 = 0.3 m cable
- K** Integrated M12 connector

Contact block

- B22** 2NO+2NC snap action
- H22** 2NO+2NC slow action overlapped
- L22** 2NO+2NC slow action closer
- EE1** Electronic contact unit

Housing

- B** overall dimensions 126x76x31 - AISI 316L

An optional additional alphanumeric code could be added to product code for customer's non-electrical variations (e.g. color, gold plated contacts, special labelling, etc.)

Department: TR-RA/MUC
Date: 2014-04-17

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