



Product Service

CERTIFICATE

No. Z10 075157 0028 Rev. 01

Holder of Certificate: **Pizzato Elettrica s.r.l.**

Via Torino 1
36063 Marostica (VI)
ITALY

Certification Mark:



Product: **Safety components**

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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: **PM85349T**

Valid until: 2027-05-16

Date, 2022-05-17

(Christian Dirmeier)

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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 (SIL3)
- IEC 61508-2:2010 (SIL 3)
- IEC 61508-3:2010 (SIL 3)
- IEC 62061:2021
- EN ISO 13849-1:2015 (Cat 4, PL e)
- EN ISO 14119:2013
- EN 60947-5-1:2017/AC:2020

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

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Nomenclature of Safety Hinge Position Switch HX

HX a bbb - c d e

with:

a	Housing	
	B	overall dimensions 126x76x31 - AISI 316L
bbb	Contact block	
	B22	2NO+2NC snap action
	H22	2NO+2NC slow action overlapped
	L22	2NO+2NC slow action closer
	EE1	Electronic contact unit
c	Connection type	
	xxx	1 or 2 or 3 digits for cable length or connector:0.3 = 0.3 m cable
	K	Integrated M12 connector
d	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.
e	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

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.)