America

CERTIFICATE

No. U8V 098377 0003 Rev. 00

Holder of Certificate: **halstrup-walcher GmbH**
Stegener Str. 10
79199 Kirchzarten
GERMANY

Certification Mark:

Product: **Control units (Positioning Systems)**

This product was voluntarily tested to the relevant safety requirements referenced on this certificate. It can be marked with the certification mark above. The mark must not be altered in any way. This productcertification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined inISO/IEC 17067. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜDAmerica Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited Certification body.

Test report no.: 028-713115018-100

Date, 2019-04-11

(Ralph Fischer)

TÜV SÜD America Inc. • 10 Centennial Drive • Peabody • MA 01960 • USA

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Model(s):

Types: PSE – Series
PSW – Series
PSS – Series

(For more information, please refer attached Nomenclature)

Nomenclature: **ABC – D – E – F – G – H**

A (Execution) can be:

PSE = Positioning System Efficient (IP 54) Sheet metal housing
PSS = Positioning System Stainless (IP 65) Stainless steel housing
PSW = Positioning System Washable (IP 68) Stainless steel housing

B (Construction) can be:

30 = Crosswise
31 = Along
32 = Crosswise
33 = Along
34= Crosswise

C (Torque moment) can be:

1 = 1 Nm,
2 = 2 Nm
5 = 5 Nm
10 = 10 Nm[1)]
18 = 18 Nm[1)]
25 = 25 Nm[1)]
[1)] only for PSE
Other values are possible but not safety relevant

D (Drive shaft/output shaft) can be:

8 = 8 mm Hollow shaft
14 = 14 mm Hollow shaft
8V = 8 mm Full shaft
14V = 14 mm Full shaft
9/So = 9 mm Hollow shaft IP65
14/So = 14 mm Hollow shaft IP65
Other versions are possible but not safety relevant
IP65 optional

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E (Bus communication) can be:

CA	CANopen
DP	PROFIBUS DP
DN	DeviceNet
MB	Modbus RTU
SE	Sercos
EC	EthernetCAT
PN	PROFINET
EI	EtherNet/IP
PL	POWERLINK
IO	IO-Link

F (Connections) can be:

0 = Standard
T = Standard with jog key[2)]
Y = Plug-in y – coded (not for PSE34_-14)
Z = Plug-in y – coded and jog key[3)] (not for PSE34_-14)
[2)] Always via an extra connector, not for PSW or IO-Link
Other versions are possible but not safety relevant

G (Break) can be:

0 = without break
M = with break

H (Specification) can be:

N = with NRTL

Tested according to:

UL 61010-1:2012/R:2015-07
CAN/CSA-C22.2 No. 61010-1:2012/U1:2015-07

Production Facility(ies):

098377

Parameters:

Model	PSE-Series	PSS- Series and PSE-IP65-Special	PSW- Series
Rated voltage	24 VDC		
IP Degree	IP54	IP65	IP68
Protection class	III		

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