

(1) Declaration of Conformity

(2) Equipment intended for use
in potentially Explosive atmospheres
Directive 2014/34/EU

(3) Equipment: Synchronous servomotor series: *Tx-xxxx-xx-xxx/Exxxx
*Hx-xxxx-xx-xxx/Exxxx
*Nx-xxxx-xx-xxx/Exxxx
*Mx-xxxx-xx-xxx/Exxxx

The synchronous servomotors are fitted with a thermal protection sensor.
They are designed with power and feedback plugs ar with direct cable inputs.
The plugs are realized as approved types of Intercontec connectors.
The cable inputs are realized through cable glands EEx e II type of protection.
Available sizes of the servomotors are: T2... T8, H2... H5, N2... N7, M2...M5.

(4) Manufacturer: **AVEKO Servomotory, s.r.o.**
(5) Address: **Lipova 22, 602 00 Brno, Czech Republic**

(6) AVEKO Servomotory, s.r.o., declares that this equipment has been found to compiy with the Essential Health and Safety Requirements relating to the design and construction of Category 3 equipment, which is intended for use in potentially explosive atmospheres given in Annex II to the Directive 2014/34/EU of the European Parliament and of the Council.

(7) The examination results and other related papers are recorded in confidential Protocol
No. 02/11 from 01st of June 2011, rev. 19th of December 2016

(8) Compliance with Essential Health and Safety Requirements has been assured by conformity with
EN 60079-0:2012+A11:2013; EN 60079-15:2010; EN 60079-31:2014

(9) The marking of the equipment shall include following:

 **II 3GD**
Ex nAc IIC 155°C
Ex tc IIIC T155°C

(10) Special conditions for safe use:

The thermal protection must be integrated in the control system of the drive unit.
The control system must be set to protect the motor in temperature class F.
Risk of mechanical threat of the servomotor in the equipment must be low.
The plugs should not be disconnected in hazardeous area when energized.
Mounting of the cables through glands made the manufacturer.

Responsible person:

Date of issue: 4.2.2020

Dipl. Ing. Danes Grula
CEO



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