

Swedish Technical Approval

SC0380-17

and decision on production control, in accordance with chapter 8, 22 and 23 §§ Planning- and Building Act (2010:900), PBL

Mano-Clock D, Level Gauge

Holder

Mano-Term AB, Landskronavägen 30, S-252 32 Helsingborg, Sweden.

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Product

Mano-Clock D, level gauge with connection G40 (1½ "). The float is made of PE material and connected with a line in PVDF material.

See also the comments below.

Intended use

Level gauge for tank containing drinking water. The gauge head should be placed above the maximum water level.

Trade name

Mano-Clock D.

Approval

The product satisfy the requirements set forth in chapter 8, 4 § 3 PBL, in respect to and under conditions stated in this certificate, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR):

Tap water installations*	6:62, 1 st sentence and 2 nd paragraph.
Design	6:625, 1 st paragraph.

*The product complies with Boverkets (the National Board of Housing, Building and Planning) updated threshold value for max. amount of dissolved lead as described in BBR 21, 2014-06-17.

Associated documents

Installation instruction: Monteringsanvisning P1710-M1720 SE.

Control

The factory production control (FPC) is monitored by an independent inspection body. Control agreement: no. 210-99-0476, Inspection body: SP Technical Research Institute of Sweden.

When the building proprietor performs inspection at the building site, he shall check the markings to ensure that the correct products have been supplied and that they are used in accordance with the requirements stated in the approval and the associated documents. He must also check that the product is accompanied by a manufacturing assurance, which certifies that the product has been manufactured in accordance with the documents on which this approval is based.

Manufacturer

Production control includes the following site:
Mano-Term AB, Landskronavägen 30, S-252 32 Helsingborg, Sweden.

Marking

The product is to be marked at the factory. The marking consists of a label on every packing supplied and includes:

Approval holder
Boverket's registered trademark
Certification body and accreditation number
Product type designation
Approval number
Properties
Consecutive manufacture No.
Inspection body

Mano-Term AB
†
SP Certifiering 1002
type
SC0380-17
Level Gauge
number
SP

Basis for approval

Report no. W-274904-16 and K-270631-16 from Hygiene Institut des Ruhrgebiets, Germany.
Report no. 5F000390-02 and 5F000390-03 from SP Technical Research Institute of Sweden.
Drawings dated 2017-04-25 by SP Certification.

Comments

The float that is in contact with drinking water is made of PE material that meets German hygiene requirements, DVGW W270 and KTW.

The level meters function has not been reviewed in this technical approval.



Period of validity

This approval is valid until 7 May 2022.

The validity of this approval expires when the characteristics included in this approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

SP Technical Research Institute of Sweden Certification

Ingvar Pettersson

Marcus Tillman