

TYPE EXAMINATION CERTIFICATE

This is to certify:

That the Thermometer

with type designation(s)

301, 302, 303, 304, 305, 306, 310, 311, 313, 320, 321, 323, 330, 331, 332, 333, 334, 341, 342, 343, 344, 345, 346, 1312, 1372, 6312, 6372, 8312 and 8372

Issued to

**SIKA Dr. Siebert & Kühn GmbH & Co. KG
KAUFUNGEN, Germany**

is found to comply with

DNV GL class guideline DNVGL-CG-0339 – Environmental test specification for electrical, electronic and programmable equipment and systems

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Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
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Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
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Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
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Оренбург (3532)37-68-04
Пенза (8412)22-31-16
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Смоленск (4812)29-41-54
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Ставрополь (8652)20-65-13
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Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Product description

Technical conformity according to EN 13190. Types and additional technical data, range of application and test standard, based on DNV GL Class Guideline, DNVGL-CG-0339 "Environmental test specification for electrical, electronic and programmable equipment and systems".

| Type | Case nominal Ø [mm] | Case configuration | Temperature class as per DNV GL CG-0339 | Dry heat/cold test range | Vibration class as per DNV GL CG-0339 | Stem type |
|------------------------------------|---------------------|--|---|--------------------------|---------------------------------------|---------------------------------|
| 301, 302, 303, 304, 305, 306 | 63, 100, 160 | Bayonet ring case, without dampening | D | -40°C up to +60°C | A | Rigid mount stem with neck tube |
| 341, 342, 343, 344, 345, 346 | 63, 80, 100, 160 | Crimped on ring case, without dampening | D | -40°C up to +60°C | A | Rigid mount stem with neck tube |
| 301, 302, 303, 304, 305, 306 | 63, 100, 160 | Bayonet ring case, with dampening fluid | B | -20°C up to +60°C | B | Rigid mount stem with neck tube |
| 341, 342, 343, 344, 345, 346 | 63, 80, 100, 160 | Crimped on ring case, with dampening fluid | B | -20°C up to +60°C | B | Rigid mount stem with neck tube |
| 6312, 6372, 8312, 8372, 1312, 1372 | 63, 80, 100 | Crimped on ring case, with dampening fluid | B | -20°C up to +60°C | B.2 increased | Rigid mount stem with neck tube |
| 310, 320, 330 | 63, 100, 160 | Bayonet ring case, without dampening | D | -40°C up to +60°C | A | With capillary line mount stem |
| 313, 323, 333, 334 | 63, 80, 100, 160 | Crimped on ring case, without dampening | D | -40°C up to +60°C | A | With capillary line mount stem |
| 310, 320, 330 | 63, 100, 160 | Bayonet ring case, with dampening fluid | B | -20°C up to +60°C | B | With capillary line mount stem |
| 313, 323, 333, 334 | 63, 80, 100, 160 | Crimped on ring case, with dampening fluid | B | -20°C up to +60°C | B | With capillary line mount stem |
| 311, 321, 331, 332 | 63, 80, 100 | Crimped on ring case, with dampening fluid | B | -20°C up to +60°C | B.2 increased | With capillary line mount stem |

Production place

Application/Limitation

The selection of the thermometers for the corresponding service conditions (temperature and type of flowing media) as well as the proper assembly and installation shall be carried out in accordance with the instructions of the manufacturer.

Types 301,302,303,304,305,306, 310,320,330, 313,323,333,334, 341,342,343,344,345 and 346 may not be used for adverse conditions where high pulsation or vibration exists.

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