Förhandsgranskning / Preview

SSG®
STANDARD SOLUTIONS GROUP

SSG 5415E

Date	Edition	Designation	Page
2022-06-20	7	TKI/TKE	1 (14)

Instrument installation – list of materials

Scope

This standard provides an overview of the material codes to which SSG's installation principles refer, as well as the materials and dimensions to which the codes correspond. The standard is aimed at purchasers and suppliers of instrument installations.

Changes to the previous edition

This edition differs from the previous in that:

- Section 1 – "Responsibility" has been added.
- The layout of the standard has changed. Separate columns have been added for "Dimension" and "Material". "Pressure class" has been removed.
- Columns "Article number" and "Remark" can now be entered digitally.
- References have been reviewed and updated. SS steel has been replaced with current references to materials.
- Two new materials have been added: 6154 – *Concentration sensors - optical* and 6155 - *Concentration sensors - microwaves*.
- EKLK and FKAR have been replaced by EQLQ and FQAR (halogen-free).
- The designation of material code 0106 has been changed to *signal cable* and the designation of material code 0109 has been changed to *installation cable*.
- Dimensions have been harmonised with SSG's pipe standards.
- A column has been added to enter local information.

SSG Standards are covered by copyright and may not be reproduced without special permission.
www.ssg.se

Förhandsgranskning / Preview

Contents

1 Responsibility 2
2 Material codes not covered by SSG 5415E 2
3 Material codes 3
3.1 Material code 0100–0999: cables, wiring materials 3
3.2 Material code 1100–1999: Pneumatic material 4
3.3 Material code 2100–2999: Pipe 5
3.4 Material code 7107–3124: Pipe fittings, couplings 6
3.5 Material code 3125–3999: Pipe fittings, couplings 7
3.6 Material code 4100–4999: Enclosures 7
3.7 Material code 5100–5999: Valves 8
3.8 Material code 6100–6124: Instrument 9
3.9 Material code 6125–6149: Instrument 10
3.10 Material code 6150–6174: Instrument 11
3.11 Material code 6175–6199: Instrument 12
3.12 Material code 6200–6999: Instrument 13
3.13 Material code 7100–7999: Fastening material 13
4 References 14

1 Responsibility

It is the facility owner's responsibility to ensure that the correct type of material is used and that drawings contain the correct information. Note that the lowest level of materials is selected. Always check the properties of the material against actual operating case. Other quality may be required depending on the application, for example at higher risk of corrosivity.

2 Material codes not covered by SSG 5415E

If a material code that is not covered by the standard is required, a separate material code can be selected until the standard has been supplemented.

Such a code should then be made up of a new number within the current material group with the addition of the letter X, for example 0150 - X.

SSG Standards are covered by copyright and may not be reproduced without special permission.
www.ssg.se