

[13] Schedule

[14] EC-TYPE EXAMINATION CERTIFICATE No **Nemko 12ATEX 1079X** Issue 2

[15] Description of Component

The Switchbox PMV PS/PM is a position indicator provided with 2 or 4 Ex mb limited switch options and a certified 'Ex e' terminal. The function of these rotary limit switches is to provide visual local and remote position for automated valves. The whole assembly is contained in a plastic enclosure with three threaded holes for entry devices.

Only Ex certified cable glands shall be used.

The Switchbox is protected by external fuse of maximum 3A, with a breaking capacity of 1500A.

Ambient temperature ranges: $-40^{\circ}\text{C} \leq T_a \leq +80^{\circ}\text{C}$, Ex e mb IIC T5

$-40^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$, Ex e mb IIC T6

[16] Type designation and safety electric data.

Modelcode PMV	Alernate modelcode	Rating
xxxxxxxPP-22- xx	xCPxxK1x..	U: 60VDC/100VA I:3A
xxxxxxxPT-22-xxxx	xCPxxB1x..	U: 24VDC/75VA I:3A

For model code breakdown please see the installation instructions.

Ingress Protection Code

IP 66, according to IEC 60529.

Report No. 244378

Descriptive Documents

Title/Description	Rev.	Date	Name/Number	Sheets
PS/PM Ex e mb Scheduled files list	2	2013-09-03	PRS-TFC-mb	1

Certificate History and Associated Nemko Reports

Issue / Supplement	Date	Report	Description
0	2012.10.05	157200	Prime Certificate released
1	2013.10.02	244378	New alternate model code.
2	2013.10.16	244378	Writing error in certificate

[17] Special Conditions for Safe Use

- The equipment shall be protected by a fuse of maximum 3A, with breaking capacity of 1500A.
- The Rotary Limit Switch Box is marked with the following warning marking:
"WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS".
- The equipment must be placed in an area where it is low risk of mechanical danger.
- For nomenclature breakdown please see the installation instructions.

[18] Essential Health and Safety Requirements

See item 9

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