

# PRODUCT CERTIFICATE

Certificate no.:  
**9633-2017-CE-SWE-DANAK Rev. 9.0**

Initial certification date:  
2012-01-01

Validity:  
2020-09-14 to termination

This certificate is valid for the following scope:

## **CEN Keymark Scheme Rules for Thermostatic Radiator valves**

For more details see appendix to certificate

placed on the market under the name or trademark of

### **Purmo Group Sweden AB**

**Järnvägsgatan 19, SE-285 32 Markaryd, Sweden**

and produced in the manufacturing plant(s)

### **Purmo Group Sweden AB**

**Järnvägsgatan 19, SE-285 32 Markaryd, Sweden**

fulfils the requirements in:

**EN 215:2004+A1:2006**

**This certificate is valid under the condition that the certificate holder comply with the current CEN Keymark scheme rules for Thermostatic Radiator Valves and the specific rules for certification as specified in SBC 215. The certificate is not transferable.**

For more details see appendix to certificate

Place and date:  
**Hellerup, 14 September 2020**



For the issuing office:  
**DNV GL Business Assurance  
Denmark A/S**

**Jesper Schultz**  
Managing Director

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## Appendix to Certificate

### Certificate history

Revision	Description	Issue Date
0.0	Original certificate	2012-02-15
1.0	Re-Certification	2014-12-22
2.0	Updated with technical information and deleted AN-serie	2015-02-20
3.0	Updated with technical information	2015-03-10
4.0	Adding new product, Head Evosense	2015-09-07
5.0	Change of accreditation mark	2016-02-12
6.0	Removal of heads MTW28 and MTWZ. Transfer to DNV GL Denmark. Change of accreditation mark and change of the identification number of the Empowered Body.	2017-03-31
7.0	Adding new product (new valve)	2018-03-05
8.0	New Summary Report and change of name	2019-12-04
9.0	New Summary Report	2020-09-14

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Product	Designation	Form	Size (Ø)	Indication of pre-setting Turns	Characteristic flowrate	Test evidence WSP LAB
Valve	FVR 10	Straight	10	0,5	5	WSP-lab B 18.MAR.215 WSP-lab B 18.MAR.216 WSP-lab B 19.MAR.219 WSP-lab A 18.MAR.213 WSP-lab B 18.MAR.217 WSP-lab A 18.MAR.219 WSP-lab B 17.MAR.211 WSP-lab D 19.MAR.223 WSP-lab B 19.MAR.224
	FVR 10	Straight	10	1,5	53	
	FVR 10	Straight	10	2,5	210	
	FVR 10	Straight	10	Fully open	221	
	FVV 10	Angle	10	0,5	5	
	FVV 10	Angle	10	1,5	53	
	FVV 10	Angle	10	2,5	210	
	FVV 10	Angle	10	Fully open	221	
	FVAV 10	Turned angle	10	0,5	5	
	FVAV 10	Turned angle	10	1,5	53	
	FVAV 10	Turned angle	10	2,5	210	
	FVAV 10	Turned angle	10	Fully open	221	
	FVR 15	Straight	15	0,5	5	
	FVR 15	Straight	15	1,5	53	
	FVR 15	Straight	15	2,5	210	
	FVR 15	Straight	15	Fully open	221	
	FVV 15	Angle	15	0,5	5	
	FVV 15	Angle	15	1,5	53	
	FVV 15	Angle	15	2,5	210	
	FVV 15	Angle	15	Fully open	221	
	FVAV 15	Turned angle	15	0,5	5	
	FVAV 15	Turned angle	15	1,5	53	
	FVAV 15	Turned angle	15	2,5	210	
	FVAV 15	Turned angle	15	Fully open	221	
	Evoflow R 10	Straight	10	0,5	6	
	Evoflow R 10	Straight	10	1,0	16	
	Evoflow R 10	Straight	10	1,5	51	
	Evoflow R 10	Straight	10	2,0	95	
	Evoflow R 10	Straight	10	Fully open	126	
	Evoflow R 15	Straight	15	0,5	6	
	Evoflow R 15	Straight	15	1,0	16	
	Evoflow R 15	Straight	15	1,5	51	
	Evoflow R 15	Straight	15	2,0	95	
Evoflow R 15	Straight	15	Fully open	126		
FLA-M28	*				5-165	
FLA-M30	*				5-165	

\*Dimensions and details on connections are not in accordance with the specified series in Annex A of EN 215

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Head		DTW	Evosense
	Hysteresis at nominal flow rate	1 K	0,24 K
	Differential pressure influence	0,6 K	0,20 K
	Water temperature influence	1,4 K	0,65 K
	Response time	27 min	22 min
	Test evidence WSP LAB	A 18.MAR.213	A 19.MAR.214

**Conformity and marking of product**

When meeting with the terms and conditions above, the certified product shall be marked with:

- Certificate holders name: Purmo Group Sweden AB
- Product and Designation: Example: TRV-FVV 10



- Logotype of the CEN/CENELEC Keymark :
- The identification number of the Empowered Body: ID027

END OF CERTIFICATE