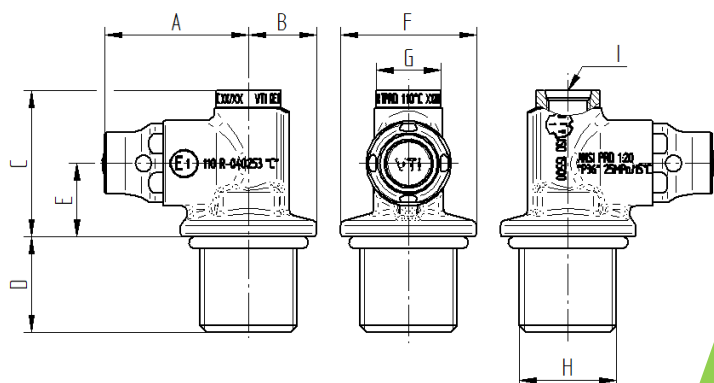




general information

product area	AlternativeFUELcontrol
application	TPRD thermally activated pressure relief device for CNG fuel systems with a service pressure up to 25.0 MPa (3600 psi)
characteristics	• TPRD with glass bulb technology

technical data

gas type	compressed natural gas (CNG)
release temperature	110 °C ±10 °C (230 °F ±18 °F)
vessel connection (H)	• 1 1/8 -12 UNF-2A
outlet connection (I)	• 1/2-20 UNF-2B SAE J1926-1
service pressure	25.0 MPa @15 °C (3600 psi @59 °F)
working pressure	31.0 MPa @85 °C (4500 psi @185 °F)
temperature range	-40 °C bis +85 °C (-40 °F to +185 °F)
orifice diameter	6 mm (0.236 inch)
Kv-value [m³/h]	0.78
Cv-value [US-gallons/min]	0.902
weight	approx. 350 g (approx. 0.78 lb)
activation	thermal

dimensions

A	42.5 mm (1.67 inch)
B	20 mm (0.78 inch)
C	42.5 mm (1.67 inch)
D	28 mm (1.10 inch)
E	21.5 mm (0.85 inch)
F	40 mm (1.57 inch)
G	19 mm (0.75 inch)
H	vessel connection
I	outlet connection

materials

metals	• S1: brass • S2: brass, nickel plated
polymers	• gaskets: FKM • support rings: PTFE

certification & approval

- UN ECE-R110 (03) / (04)
- ANSI IAS PRD1-1998 up to PRD1b-2007
- ISO 15500-1/-2/-13 :2000
- CSA/ANSI NGV 3.1:20
- CSA/ANSI PRD 1:20