

PRD-4P

HIGH PERFORMANCE 1-1/8" END PLUG PRESSURE RELIEF DEVICES

Key Features

IMPCO GFI's 1-1/8" end plug pressure relief devices uses a design optimized for maximum heat transfer to create a fast acting high flow PRD. Offered with a wide range of options these devices can be configured to meet the needs of all end plug applications.

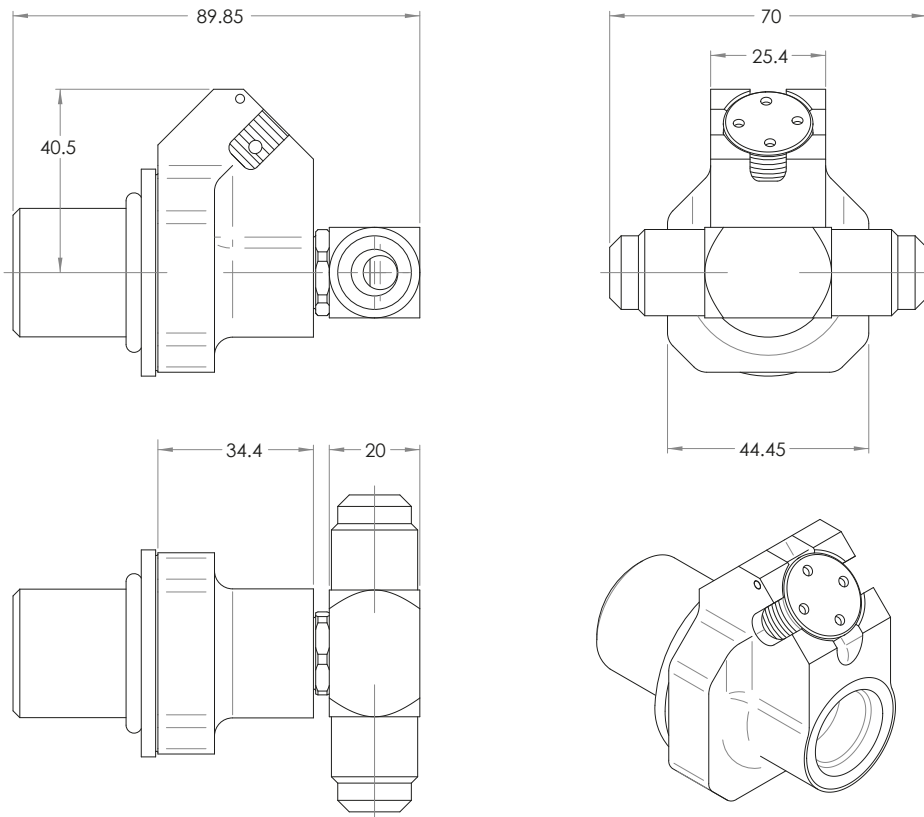
- Combined T-PRD and P-PRD (Burst disk) pipe away port.
- High flow fast acting design.
- Glass bulb or cadmium free eutectic technology.
- Nominal working pressure 35 MPa.
- Working temperature -40° to +85° C.
- Optional temperature sensor.
- Light weight machined aluminum body.
- Swivel flare outlet options.
- "T" outlet option.
- Suitable for use with all cylinder types.



SPECIFICATIONS

	PRD-4P	H-PRD-4P
GENERAL INFORMATION		
APPLICATION	Suitable for all cylinder types Safety Device for 1 1/8" neck Type 1 / Type 2 / Type 3 / Type 4 cylinders	
DESIGN	Thermally activated valve with burst disk option	
BODY MATERIAL	Machined Aluminum	
FUEL TYPE	Compressed Natural Gas (CNG)	Compressed Hydrogen Gas (CHG)
NOMINAL WORKING PRESSURE	24,8 MPa (3,600 psig)	35 MPa (5,075 psig)
PERFORMANCE		
FLOW RATE WHEN ACTIVATED (CV)	1.0	
WORKING TEMPERATURE	-40°C to 85°C (-40°F to 185°F)	
T-PRD	Design	Eutectic (Cadmium Free) Glass Bulb
	Activation Temp	109 +/-3°C (228°F) 110 +/-10°C (230°F)
	Venting performance	Minimum area equivalent to 7 mm orifice
BURST DISK (OPTION)	Available*	
EXCESS FLOW DEVICE (EFD)	N/A	
LEAKAGE	<10 ⁻⁴ mBar l/s Helium, external (<10 ⁻⁴ mBar l/s Helium, internal)	
CONNECTIONS		
CYLINDER CONNECTION	1-1/8" UNF	
OUTLET THREAD TYPE	9/16" - 18 UNF - Optional 360 swivel fitting w / dual or single JIC 37DEG	
APPROVALS		
CERTIFICATIONS	PRD 1-13, ECE R110, ISO 15500	

*All models



ISO/TS 16949:2009 registered¹
 ISO 9001:2008 registered²
 ISO 14001:2004 registered³

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