



Fire and explosion protection

HRD CONTAINER WITH EXTINGUISHING MEDIUM – EU TYPE

An HRD container with extinguishing medium is a cylinder designed to apply fire extinguishing medium to a protected device to prevent or suppress a potential explosion.

The complete HRD container assembly consists of a pressure vessel, an HRD valve with a pressure generator and other accessories.

When an explosion occurs and detects, the pressure generator is fired and initialized to release the belaying element and the HRD vessel valve is opened. This makes it possible to flow the extinguishing medium carried by the compressed carrier gas through the valve from the pressure vessel to the protected device.



DATASHEET

TECHNICAL PARAMETERS							
Container type	A1	A2	B	C	D	E	G
Volume [l]	5,34	5,34	8	20	20	50	50
Weight (inc. extinguishing agent) [kg]	14	15	45	75	90	120	135
Valve size	3/4"	3/4"	3"	3"	4"	3"	4"
Working pressure [bar]	120			50			
Operating temperature [°C]	-20 to +60						
Optional accessories	Pressure switch for operating pressure drop indication Mechanical lock including sensor for locked position indication.						

