SAFEHOUSE HABITATS
STARN GROUP

PRESSURE DIFFERENTIAL MODULE (PDM)

DESCRIPTION

The pressure differential module (PDM) is intended for use with the SAFEHOUSE habitat system, where the differential pressure between the inside and outside of the enclosure needs to be monitored. It is essential that an over-pressure is maintained within the habitat enclosure to prevent ingress of any air from the surroundings which may contain gas hazards. If the pressure inside the enclosure drops below an acceptable level, the alarm will be activated and hot-work will be shutdown (if connected to welding control module).

KEY FEATURES

AUDIO VISUAL ALARM TO ALERT THE WORKPARTY

SHUTDOWN OF HOT WORK DUE TO ALARM CONDITION WHEN CONNECTED TO WCM

COMPATIBLE EQUIPMENT

WCM – WELDING CONTROL MODULE

TECHNICAL SPECIFICATION

CERTIFICATION	**ATEX** Cert: Baseefa11ATEX0172X II2G Ex d e ia mb IIB T4 Gb (Tamb -20°C to +50°C) **IECEx** Cert: IECEx PRE 19.0039X Ex 60079-46 IIB T4 Gb (Tamb -20°C to +50°C)
OPERATING TEMPERATURE	-20°C to +50°C
DIMENSIONS (L X W X H)	400mm x 380mm x 470mm
WEIGHT	20kg
INPUT VOLTAGE	88-264 VAC 50-60Hz
INPUT CURRENT	3A Max (16 Plug)
POWER PLUG OPTIONS	CEAG (Standard) STAHL
POWER CABLE LENGTH	5-20m
POWER CONSUMPTION	25W Max
DETECTION RANGE	0-100Pa
ALARM LEVEL*	25Pa

* Other levels available on request

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