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MISCELLANEOUS DEVICES

MISCELLANEOUS	ZONES 2 (gas)

Installed inside an Ex p stainless steel enclosure, standard label printers can be used directly in hazardous areas. Already printed labels are extracted from the printer by means of an additional door in the front of the enclosure. The printer doesn't need to be switched off during this procedure. A window in the frontdoor and the additional lamp installed inside make it easy to read the printed labels. The enclosure also has a door on the side. The printer is installed on a sliding system, which makes it easy to carry out inspections and to apply new labels.

The Ex p systems works thanks to an overpressure inside the enclosure compared to the surrounding pressure.

After a pre-cleaning phase, in which, if possible, existing gases are expelled, the controller switches on the installed internal devices.

Declaration of Conformity

ITEM REFERENCES	
Designation:	**Item No.:**
Ex pz printer enclosure	15A0101

TECHNICAL SPECIFICATIONS	
Marking:	II 3G Ex pzc IIC T4 X Gc
Certificate:	Declaration of Conformity
Operating temperature:	-20ºC to +40ºC
Design:	
Material:	Stainless steel 1.431
Dimensions:	450x650x580mm
Ingress protection:	IP65
Hinged front door with additional door with window	
Remark: maximum time for label output: 15 sec.	
External electrical devices (in enclosure door):	
1 Ex d Signal lamp RED (Bypass)	
1 Ex d key switch 1NO/1NC (Bypass)	
Internal devices on backside mounting plate:	
1 Ex pz/pD Controler Type A42-M2 230VAC for monitoring Ex p enclosures in Zones 2,22	
Marking:	II 3G Ex nA [ic] [pz] IIC T4 Gc
Operating temperature:	-20ºC to +60ºC
Rated voltage:	230 VAC
**With Ex i panel with display	1 socket for printer connection	1 Ex e terminal box for internal/external wiring**	
1 removable internal plate on slides for printer installation (printer not supplied). Space available: 350x450x450mm approx.	
External connections (on back side):	
2 plastic cable glands M20x1,5 (4-13 mm)	
1 Ex px/pD Pressure Control Device Type A42-P1	
1 Ex p Inlet kit 230 VAC	
**Including: Air pressure regulator R 1/4"	Ex digital solenoid valve 3/8 with exhaust flow	Ex valve switch AC 220-240V	1 Extermal earth stud**	
All external devices marked with Resopal labels	
Control box completely wired	