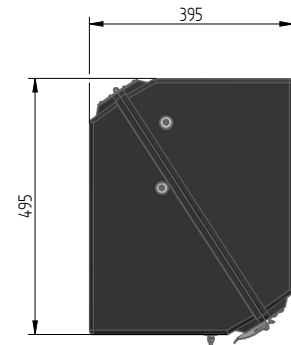
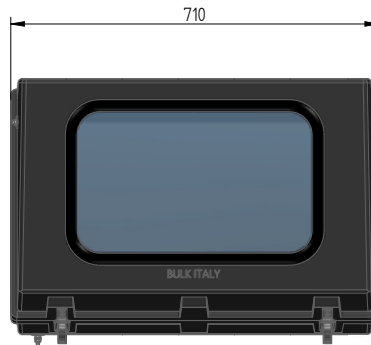
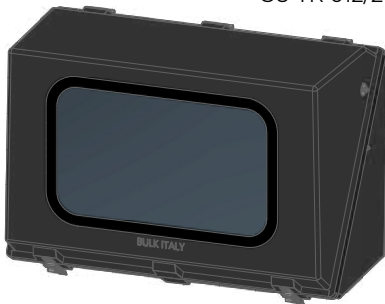


**MODEL: 700N2**

 ATEX 2014-34-UE  
 CU TR 012/2011

**Technical characteristics**

- Instrument protection enclosure made in hot pressed GRP (Glassfibre Reinforced Polyester)
- Antistatic material (surface resistance  $\leq$  of  $10^9 \Omega$ )
- External dimension in mm:  
710 (width) x 395 (depth) x 495 (height)
- Minimum thickness 5 mm
- Hinges, clasps and lid propstay made in stainless steel

- Window made in safety glass
- Gasket made in EPDM or Silicone
- Working temperature range:  
EPDM gasket:  $-40^\circ\text{C} + 100^\circ\text{C}$   
SILICONE gasket:  $-60^\circ\text{C} + 100^\circ\text{C}$
- Black color

**Protection degree**

- IP 66 construction
- IK10 construction in according to EN 62262:2002
- Positively tested to Impact test at  $-60^\circ\text{C}$   
CEI EN 60811-506

**Resistant to most corrosive types of environments**

- UV resistant in according to EN 60079
- Positively tested Sand and Dust  
Procedure II - Blowing sand in according to MIL-STD-810G METHOD 510.5
- Positively tested to Salt Mist Corrosion
- Positively tested in wind tunnel up to 160 km/h

**Hardly inflammable and self-extinguishing**

- "V-0" classification in according to UL 94 June 2009
- Determination of burning behavior by oxygen index in according to UNI EN ISO 4589-2: 30,5% Oxygen Index
- Classification of fire behavior in according to DIN 4102-1:1998: CLASS B2

**Conformity to hazardous area directive:**

- EATEX 2014-34-UE
- II 2G Ex h IIC T6 ..T3 Gb X
- II 2D Ex h IIIC T85°C..T200°C Db X
- CU TR 012/2011
- II Gb T6...T3 X, III Db T85°C...T200°C X
- II Gb T6 X, III Db T85°C X

**IMPORTANT NOTE:** EX certifications cover only the enclosure, any product installed inside must be certified for hazardous area

**Options/accessories:**

- thermal insulation
- electrical heater and thermostat
- junction box
- shrinkable
- louvres
- cable gland
- grommet
- bulkhead union
- capillary entry
- TAG label
- lockable door
- drain device
- earth bar
- handle



**HOW TO ORDER:**

ENCLOSURE SERIE	GASKET TYPE	MATERIAL	WINDOW	INSULATION	TYPICAL ASSEMBLY	MOUNTING BRACKET MATERIAL	CERTIFICATION
70	0: EPDM (MIN. -40 °C)	N: GRP ANTISTATIC BLACK	2: WITH WINDOW	C: INSULATED	SELECT FROM BELOW	A: ZINC-COATED STEEL	A: ATEX
	1: SILICONE (MIN. -60°C)	(*)		S: NOT INSULATED		B: AISI 316	D: EAC CU TR 012/2011 COMPLIANCE
						C: NOT REQUIRED	

(\*) Other colours available on request

**EXAMPLE: 700N2S017AA**  
 ENCLOSURE SERIE 70 NOT INSULATED WITH WINDOW, MATERIAL GRP ANTISTATIC BLACK C/W EPDM GASKET, DOUBLE INTERNAL AND SINGLE EXTERNAL ZINC-COATED STEEL MOUNTING PLATE FOR 2" PIPESTAND, ATEX CERTIFIED

TYPICAL ASSEMBLY 000	TYPICAL ASSEMBLY 017	TYPICAL ASSEMBLY 027
Without mounting brackets	External bracket placed on the bottom side for 2" pipe stand Double internal 2" vertical pillar placed on the bottom side	External bracket placed on the bottom side for 2" pipe stand Triple internal 2" vertical pillar placed on the bottom side
TYPICAL ASSEMBLY 037	TYPICAL ASSEMBLY 047	TYPICAL ASSEMBLY 057
External bracket placed on the bottom side for 2" pipe stand Double internal 2" vertical pillar placed on the rear side	External bracket placed on the rear side for 2" pipe stand Triple internal 2" vertical pillar placed on the rear side	External bracket placed on the bottom side for 2" pipe stand Internal plate placed on the rear side
TYPICAL ASSEMBLY 067	TYPICAL ASSEMBLY 077	TYPICAL ASSEMBLY 087
External bracket placed on the rear side for 2" pipe stand Internal plate placed on the rear side	Double external bracket placed on the bottom side for 2" pipe stand Double internal 2" vertical pillar placed on the bottom side	Double external bracket placed on the bottom side for 2" pipe stand Triple internal 2" vertical pillar placed on the bottom side

700N2 SERIE IEN



**bulk**

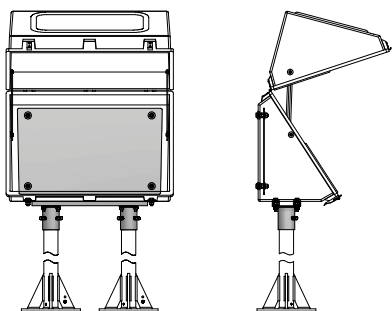
MADE IN ITALY

# GRP ENCLOSURES

## INSTRUMENT ENCLOSURE SERIE IEN

700N2 SERIE IEN

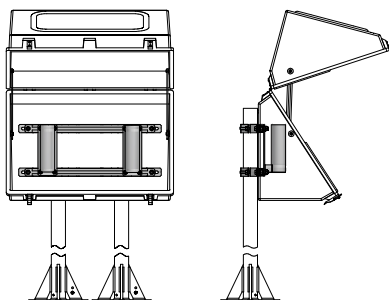
### TYPICAL ASSEMBLY 097



Double external bracket placed on the bottom side for 2" pipe stand

Internal plate placed on the rear side

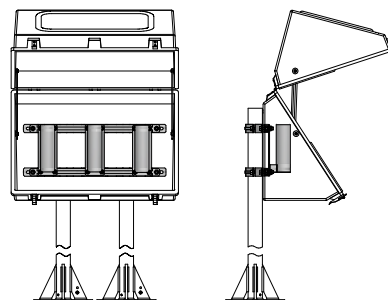
### TYPICAL ASSEMBLY 107



Double external bracket placed on the rear side for 2" pipe stand

Double internal 2" vertical pillar placed on the rear side

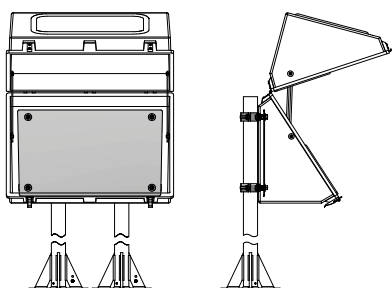
### TYPICAL ASSEMBLY 117



Double external bracket placed on the rear side for 2" pipe stand

Triple internal 2" vertical pillar placed on the rear side

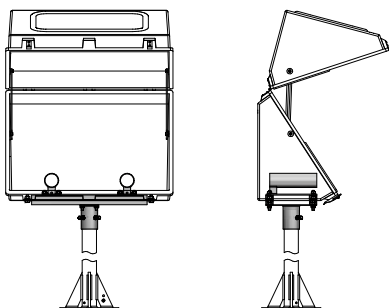
### TYPICAL ASSEMBLY 127



External bracket placed on rear side for 2" pipe stand

Internal plate placed on the rear side

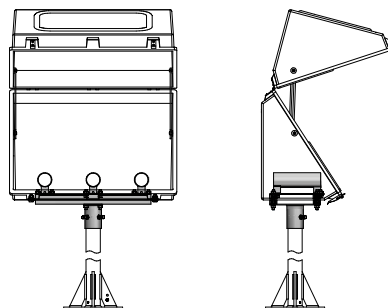
### TYPICAL ASSEMBLY 137



External bracket placed on the bottom side for 2" pipe stand

Double internal 2" horizontal pillar placed on the bottom side

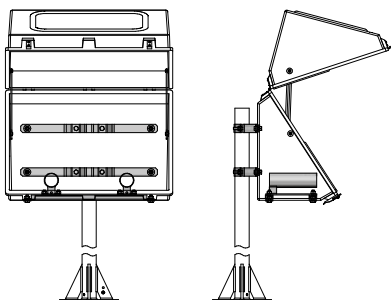
### TYPICAL ASSEMBLY 147



External bracket placed on the bottom side for 2" pipe stand

Triple internal 2" horizontal pillar placed on the bottom side

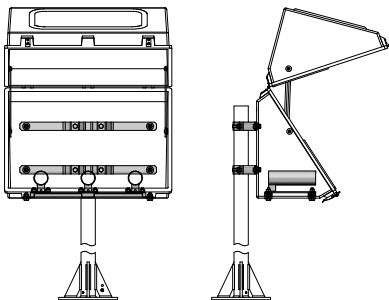
### TYPICAL ASSEMBLY 157



External bracket placed on the rear side for 2" pipe stand

Double internal 2" horizontal pillar placed on the bottom side

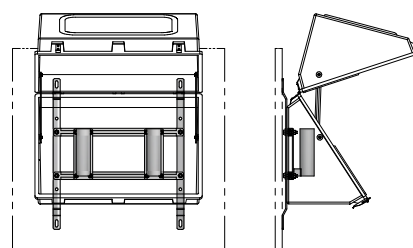
### TYPICAL ASSEMBLY 167



External bracket placed on the rear side for 2" pipe stand

Triple internal 2" horizontal pillar placed on the bottom side

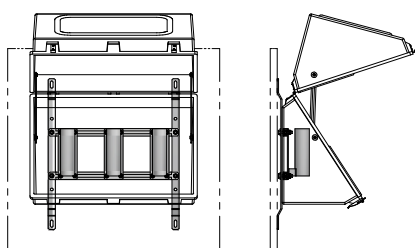
### TYPICAL ASSEMBLY 177



External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the rear side

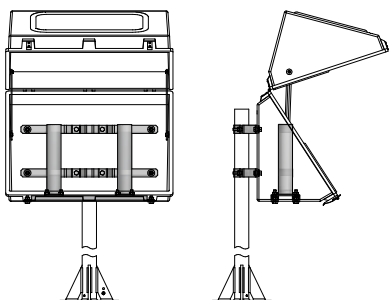
### TYPICAL ASSEMBLY 187



External bracket placed on the rear side for wall mounting

Triple internal 2" vertical pillar placed on the rear side

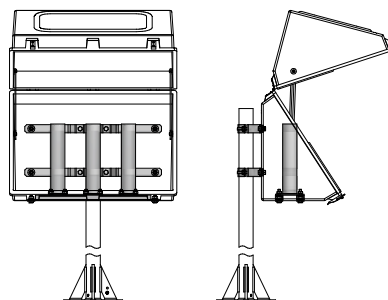
### TYPICAL ASSEMBLY 197



External bracket placed on the rear side for 2" pipe stand

Double internal 2" vertical pillar placed on the bottom side

### TYPICAL ASSEMBLY 207

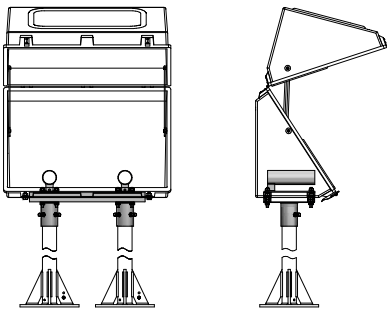


External bracket placed on the rear side for 2" pipe stand

Triple internal 2" vertical pillar placed on the bottom side



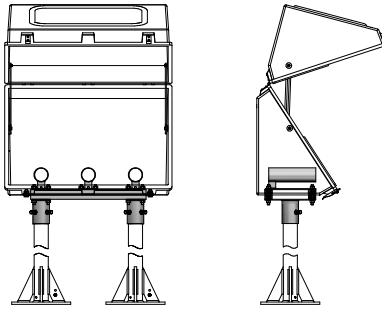
**TYPICAL ASSEMBLY 217**



Double external bracket placed on the bottom side for 2" pipe stand

Double internal 2" horizontal pillar placed on the bottom side

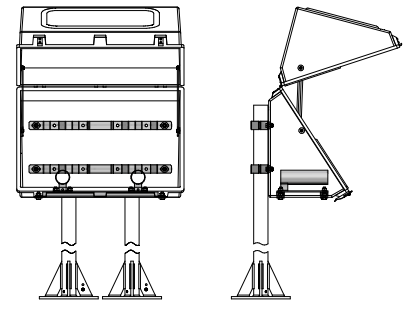
**TYPICAL ASSEMBLY 227**



Double external bracket placed on the bottom side for 2" pipe stand

Triple internal 2" horizontal pillar placed on the bottom side

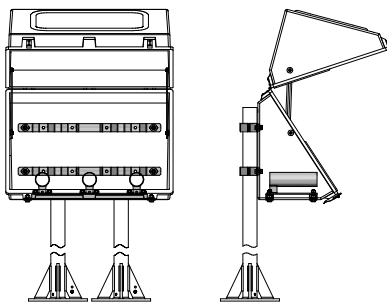
**TYPICAL ASSEMBLY 237**



External bracket placed on the rear side for 2" pipe stand

Double internal 2" horizontal pillar placed on the bottom side

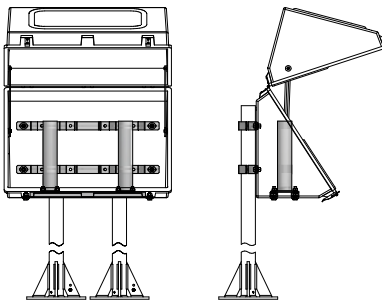
**TYPICAL ASSEMBLY 247**



Double external bracket placed on the rear side for 2" pipe stand

Triple internal 2" horizontal pillar placed on the bottom side

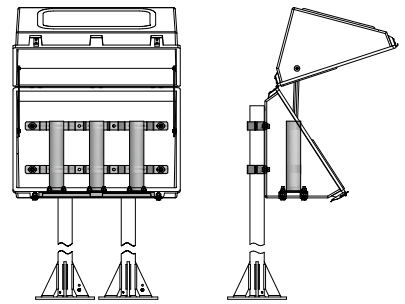
**TYPICAL ASSEMBLY 257**



Double external bracket placed on the rear side for 2" pipe stand

Double internal 2" vertical pillar placed on the bottom side

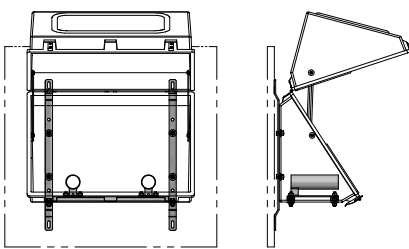
**TYPICAL ASSEMBLY 267**



Double external bracket placed on the rear side for 2" pipe stand

Triple internal 2" vertical pillar placed on the bottom side

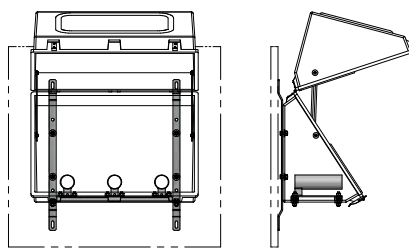
**TYPICAL ASSEMBLY 277**



External bracket placed on the rear side for wall mounting

Double internal 2" horizontal pillar placed on the bottom side

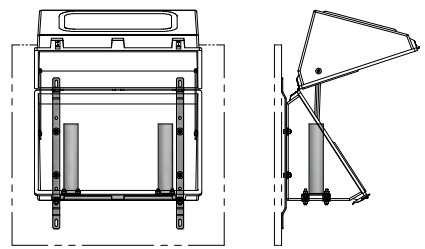
**TYPICAL ASSEMBLY 287**



External bracket placed on the rear side for wall mounting

Triple internal 2" horizontal pillar placed on the bottom side

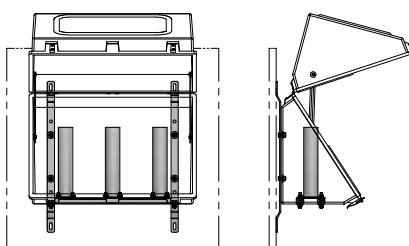
**TYPICAL ASSEMBLY 297**



External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the bottom side

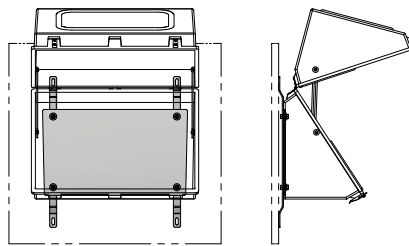
**TYPICAL ASSEMBLY 307**



External bracket placed on the rear side for wall mounting

Triple internal 2" vertical pillar placed on the bottom side

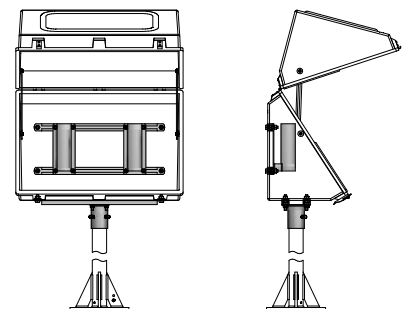
**TYPICAL ASSEMBLY 317**



External bracket placed on the rear side for wall mounting

Internal plate placed on the rear side

**TYPICAL ASSEMBLY 327**



External bracket placed on the bottom side for 2" pipe stand

Double internal 2" vertical pillar placed on the rear side



**bulk**

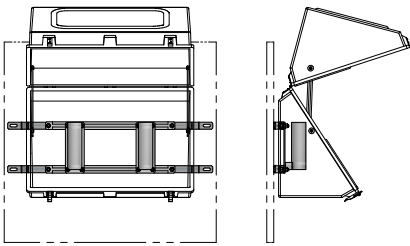
MADE IN ITALY

# GRP ENCLOSURES

## INSTRUMENT ENCLOSURE SERIE IEN

700N2 SERIE IEN

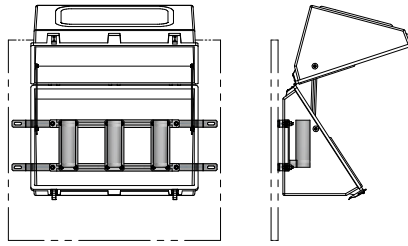
### TYPICAL ASSEMBLY 337



External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the rear side

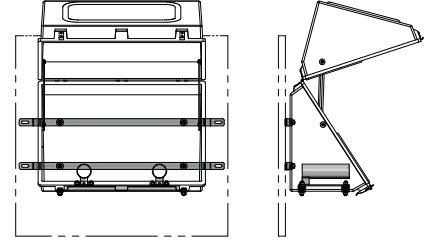
### TYPICAL ASSEMBLY 347



External bracket placed on the rear side for wall mounting

Triple internal 2" vertical pillar placed on the rear side

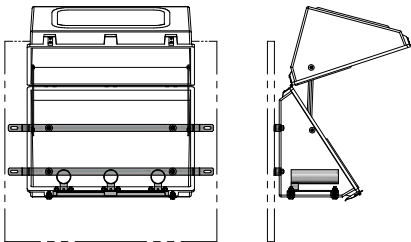
### TYPICAL ASSEMBLY 357



External bracket placed on the rear side for wall mounting

Double internal 2" horizontal pillar placed on the bottom side

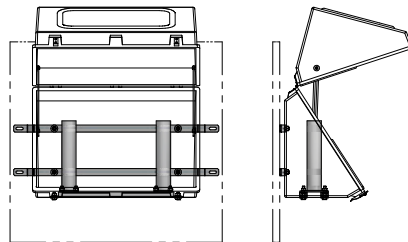
### TYPICAL ASSEMBLY 367



External bracket placed on the rear side for wall mounting

Triple internal 2" horizontal pillar placed on the bottom side

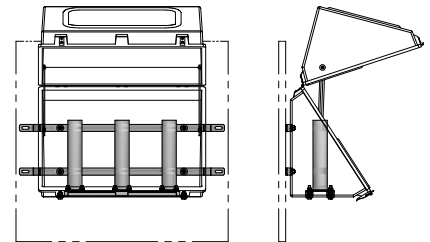
### TYPICAL ASSEMBLY 377



External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the bottom side

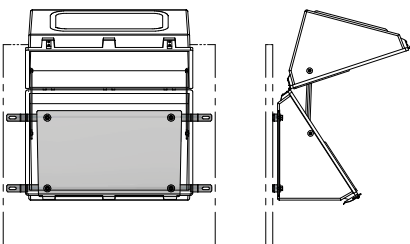
### TYPICAL ASSEMBLY 387



External bracket placed on the rear side for wall mounting

Triple internal 2" vertical pillar placed on the bottom side

### TYPICAL ASSEMBLY 397



External bracket placed on the rear side for wall mounting

Internal plate placed on the rear side