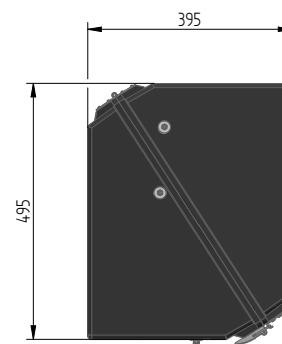
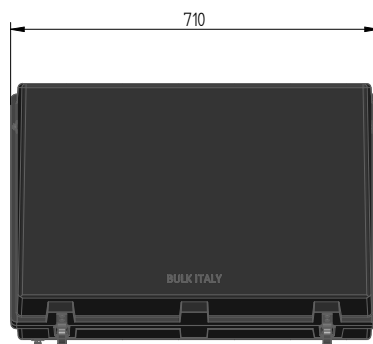
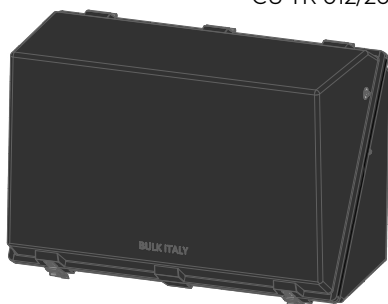


MODEL: 700N1

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
- Gasket made in EPDM or Silicone
- Working temperature range:
EPDM gasket: $-40^\circ\text{C} + 80^\circ\text{C}$
SILICONE gasket: $-60^\circ\text{C} + 80^\circ\text{C}$
- Black color

Protection degree

- IP 66 construction
- IK10 construction in according to EN 62262:2002
- Positively tested to Impact test at -60°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:

- ATEX 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 IIC T*X
III Db IIIC T*°C X

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

Options/accessories:

- window in safety glass
- thermal insulation
- electrical heater and thermostat
- junction box
- shrinkable
- louvres
- cable gland
- grommet
- bulkhead union
- capillary entry
- TAG label
- lockable door
- drain device



bulk



MADE IN ITALY

GRP ENCLOSURES

INSTRUMENT ENCLOSURE SERIE IEN

HOW TO ORDER:

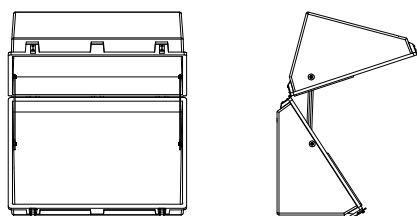
ENCLOSURE SERIE	GASKET TYPE	MATERIAL	WINDOW	INSULATION	TYPICAL ASSEMBLY	MOUNTING BRACKET MATERIAL	CERTIFICATION
70	0: EPDM (MIN. -40 °C)	N: GRP ANTISTATIC BLACK	1: WITHOUT WINDOW	C: INSULATED	SELECT FROM BELOW	A: ZINC-COATED STEEL	A: ATEX
	1: SILICONE (MIN. -60°C)	(*)		S: NOT INSULATED		B: AISI 316	D: EAC CU TR 012/2011 COMPLIANCE
						C: NOT REQUIRED	

(*) Other colours available on request

EXAMPLE: 700N1S017AA

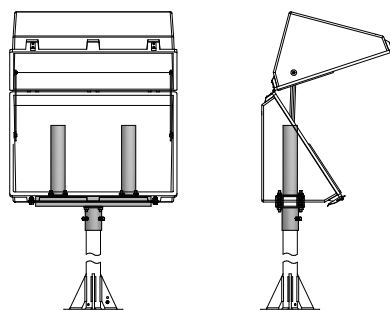
ENCLOSURE SERIE 70 NOT INSULATED WITH WINDOW, MATERIAL GRP ANTISTATIC BLACK C/W EPDM GASKET, DOUBLE INTERNAL AND SINGLE EXTERNAL ZINC-COATED STEEL MOUNTING PLATE FOR 2" PIPESTAND, ATEX CERTIFIED

TYPICAL ASSEMBLY 000



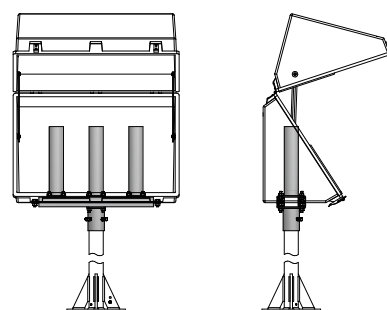
Without mounting brackets

TYPICAL ASSEMBLY 017



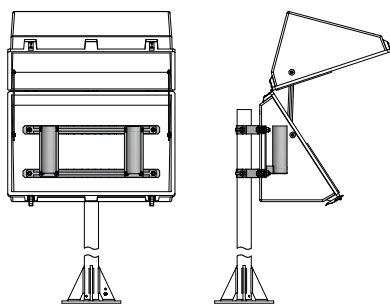
External bracket placed on the bottom side for 2" pipe stand
Double internal 2" vertical pillar placed on the bottom side

TYPICAL ASSEMBLY 027



External bracket placed on the bottom side for 2" pipe stand
Triple internal 2" vertical pillar placed on the bottom side

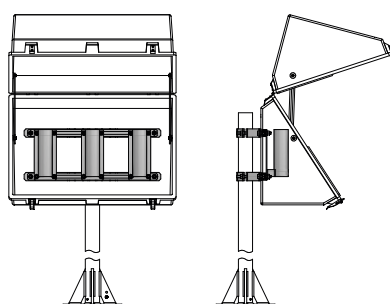
TYPICAL ASSEMBLY 037



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

Double internal 2" vertical pillar placed on the rear side

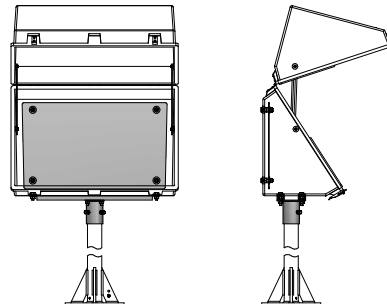
TYPICAL ASSEMBLY 047



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

Triple internal 2" vertical pillar placed on the rear side

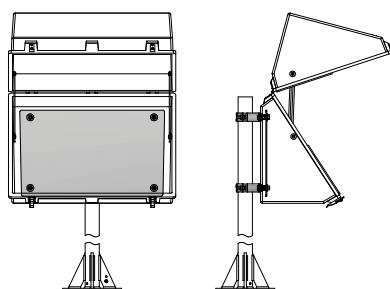
TYPICAL ASSEMBLY 057



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

Internal plate placed on the rear side

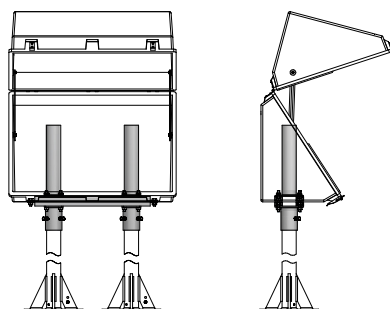
TYPICAL ASSEMBLY 067



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

Internal plate placed on the rear side

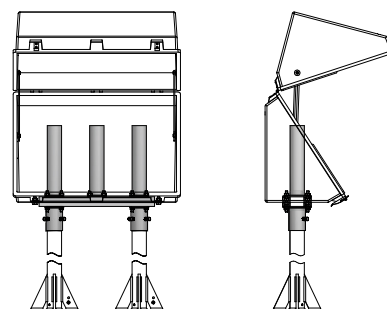
TYPICAL ASSEMBLY 077



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

Double internal 2" vertical pillar placed on the bottom side

TYPICAL ASSEMBLY 087



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

Triple internal 2" vertical pillar placed on the bottom side

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

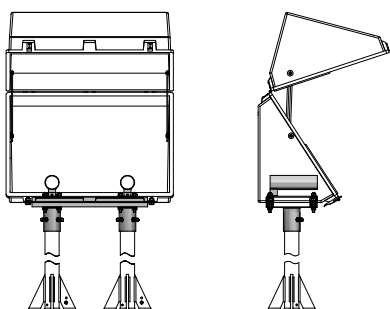
**bulk**

MADE IN ITALY

GRP ENCLOSURES

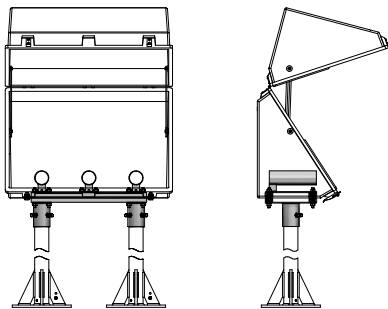
INSTRUMENT ENCLOSURE SERIE IEN

700N1 SERIE IEN

TYPICAL ASSEMBLY 217

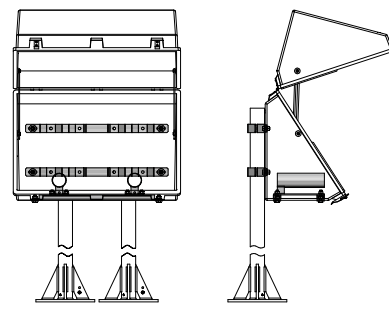
Double external bracket placed on the bottom side for 2" pipe stand

Double internal 2" horizontal pillar placed on the bottom side

TYPICAL ASSEMBLY 227

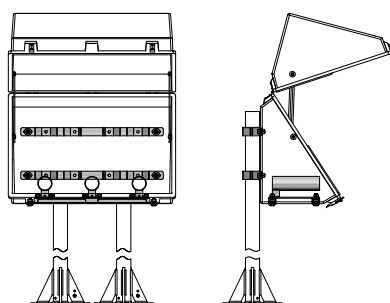
Double external bracket placed on the bottom side for 2" pipe stand

Triple internal 2" horizontal pillar placed on the bottom side

TYPICAL ASSEMBLY 237

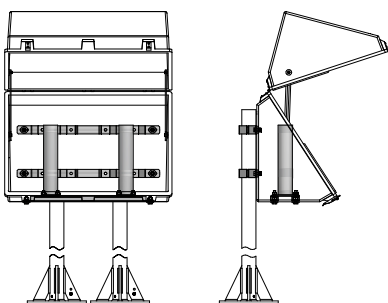
External bracket placed on the rear side for 2" pipe stand

Double internal 2" horizontal pillar placed on the bottom side

TYPICAL ASSEMBLY 247

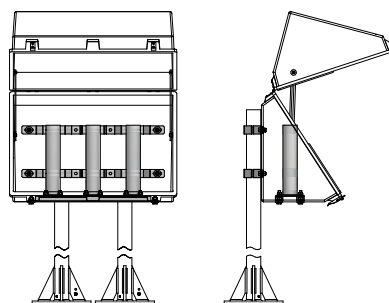
Double external bracket placed on the rear side for 2" pipe stand

Triple internal 2" horizontal pillar placed on the bottom side

TYPICAL ASSEMBLY 257

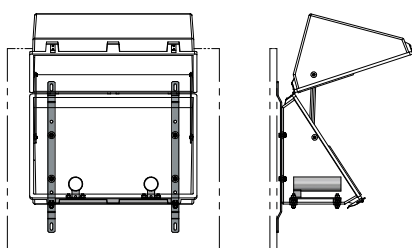
Double external bracket placed on the rear side for 2" pipe stand

Double internal 2" vertical pillar placed on the bottom side

TYPICAL ASSEMBLY 267

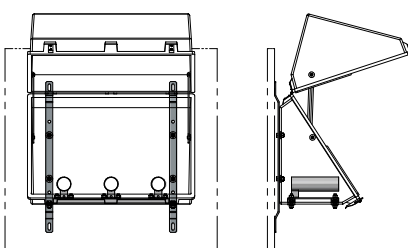
Double external bracket placed on the rear side for 2" pipe stand

Triple internal 2" vertical pillar placed on the bottom side

TYPICAL ASSEMBLY 277

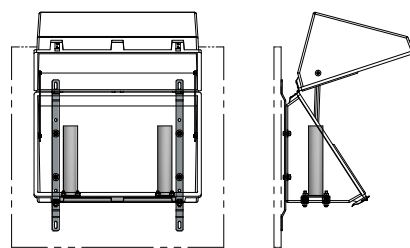
External bracket placed on the rear side for wall mounting

Double internal 2" horizontal pillar placed on the bottom side

TYPICAL ASSEMBLY 287

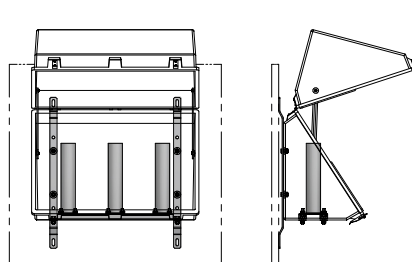
External bracket placed on the rear side for wall mounting

Triple internal 2" horizontal pillar placed on the bottom side

TYPICAL ASSEMBLY 297

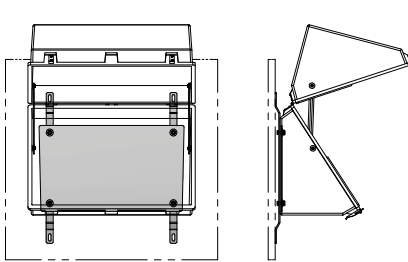
External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the bottom side

TYPICAL ASSEMBLY 307

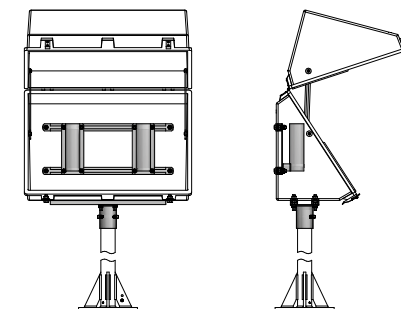
External bracket placed on the rear side for wall mounting

Triple internal 2" vertical pillar placed on the bottom side

TYPICAL ASSEMBLY 317

External bracket placed on the rear side for wall mounting

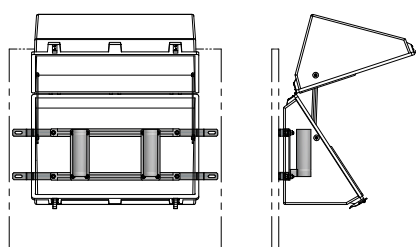
Internal plate placed on the rear side

TYPICAL ASSEMBLY 327

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

Double internal 2" vertical pillar placed on the rear side

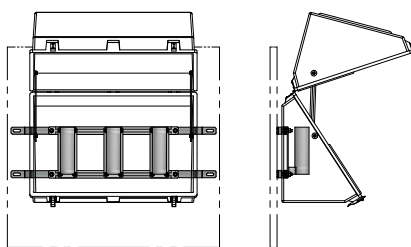
TYPICAL ASSEMBLY 337



External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the rear side

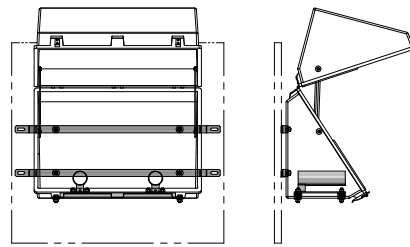
TYPICAL ASSEMBLY 347



External bracket placed on the rear side for wall mounting

Triple internal 2" vertical pillar placed on the rear side

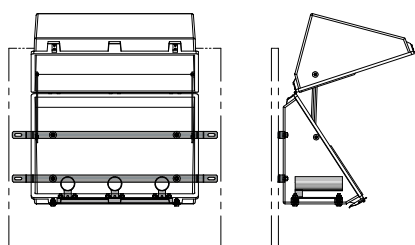
TYPICAL ASSEMBLY 357



External bracket placed on the rear side for wall mounting

Double internal 2" horizontal pillar placed on the bottom side

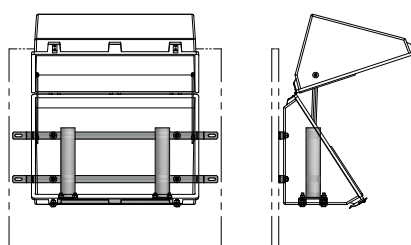
TYPICAL ASSEMBLY 367



External bracket placed on the rear side for wall mounting

Triple internal 2" horizontal pillar placed on the bottom side

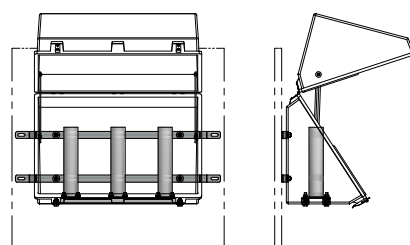
TYPICAL ASSEMBLY 377



External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the bottom side

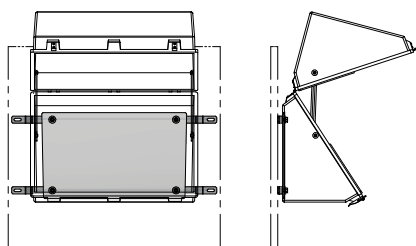
TYPICAL ASSEMBLY 387



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