

FIELDBOX ENCLOSURES

Polyester Enclosure Systems For Use With IGD Accessories

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ISO 9001

Registered Company

sira

CERTIFICATION



CERTIFICATE NO 023827



IGD

International Gas Detectors

CH₄ H₂S CO₂
NI SO₂ NO₂ CO



International Gas Detectors

CH₄ H₂ CO₂
NO SO₂ NO₂ O₂

Advantages & Features

- 7 Stocked sizes with plain door and glazed door
- IP66 / IK10 Protection
- Easy to install "Snap in" accessories
- 220° door opening
- Integral Drip Shield as standard
- Impact resistance polyester window is permanently bonded in place
- Low solar heat absorption. Operating temperature -25 to +60° C
- High impact strength and rigidity
- Numerous accessories offering a complete solution

Overview

Fieldbox Enclosures from IGD provide an easy method to locally mount Nodes, Addressable Realy Cards, Hubs and other such accessories.

Fieldboxes can be supplied pre-built to your application requirements or supplied as empty enclosures ready to populate in field.

Manufactured from chemical and impact resistant Polyester the enclosure system offers many advantages over traditional designs.

Lighter, easier to mount and machine on site.



More features. Simple to install accessories.

Polyester enclosures from Spelsberg are available in 7 popular stocked sizes and come with a range of easy-to-install accessories. Polyester enclosures feature integral mounting rails which assist with internal component mounting as well as an integral drip shield that directs liquids away from the door seal.

The widest selection of enclosures and Material options to meet any application.

This selection guide features products suitable to perform in harsh environments, but is by no means the limits of Spelsberg's corrosion-resistant enclosure offerings. Please refer to our general catalogue for further information on stainless steel enclosures from small boxes to large modular cabinets and much more...



Features at a glance



International Gas Detectors

CH₄ H₂S CO₂
N₂ SO₂ NO₂ CO



- 1** Integrated lip for improved protection
- 2** Integral mounting rails provides component mounting
- 3** Heavy duty material provides rugged protection
- 4** Hinging allowing quick door removal and reversed mounting
- 5** Low profile locking for improved appearance
- 6** High quality seal for improved protection

- A** Optional mounting plate available in galvanised steel or polyester
- B** Optional inner door. No tools required to assemble
- C** Stylised glazed window is permanently bonded in place

POLYESTER ENCLOSURES

System Overview – ACCESSORIES



A complete range of easy-to-install accessories are available allowing our polyester enclosures to be assembled as a complete solution. From mounting plates and inner doors to modular panels and DIN rail assemblies.

These accessories are extremely easy to fit and without the need for special tools.

Need special colours. Using our special painting service, all Polyester enclosures can be re-painted to most RAL colour requirements in short lead times.

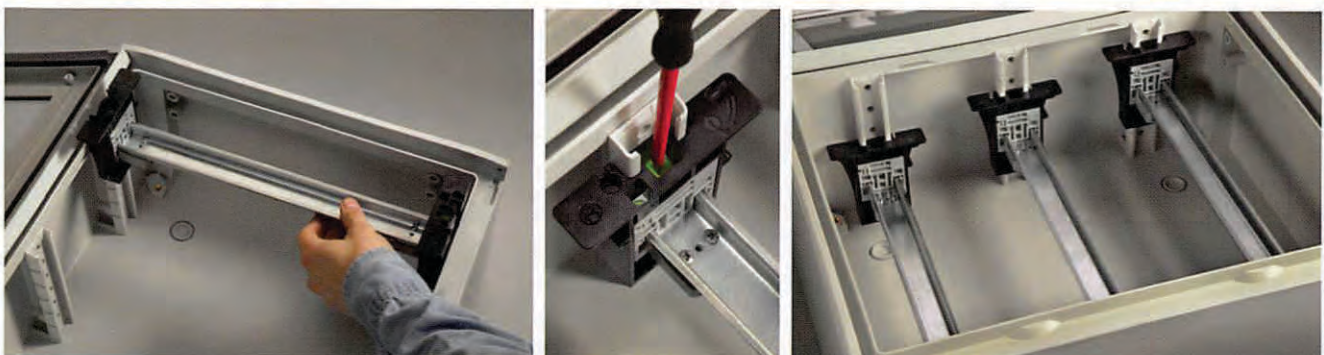
MOUNTING PLATES available in steel or polyester.
Depth adjustable using optional part reference 159 094 S1



INNER DOORS. Easy to install. No tools required.
2 Depth positions. Left or right hinging complete with ergonomic handle.



DIN-RAIL ASSEMBLIES. Easy to install. Only screwdriver required. The exclusive internal design of the enclosure allows the maximum flexibility for the DIN rail assembly at different depths inside the enclosure. Quarter Turn fixings ensure a quick and easy assembly.



POLYESTER

Product Overview and Size Range



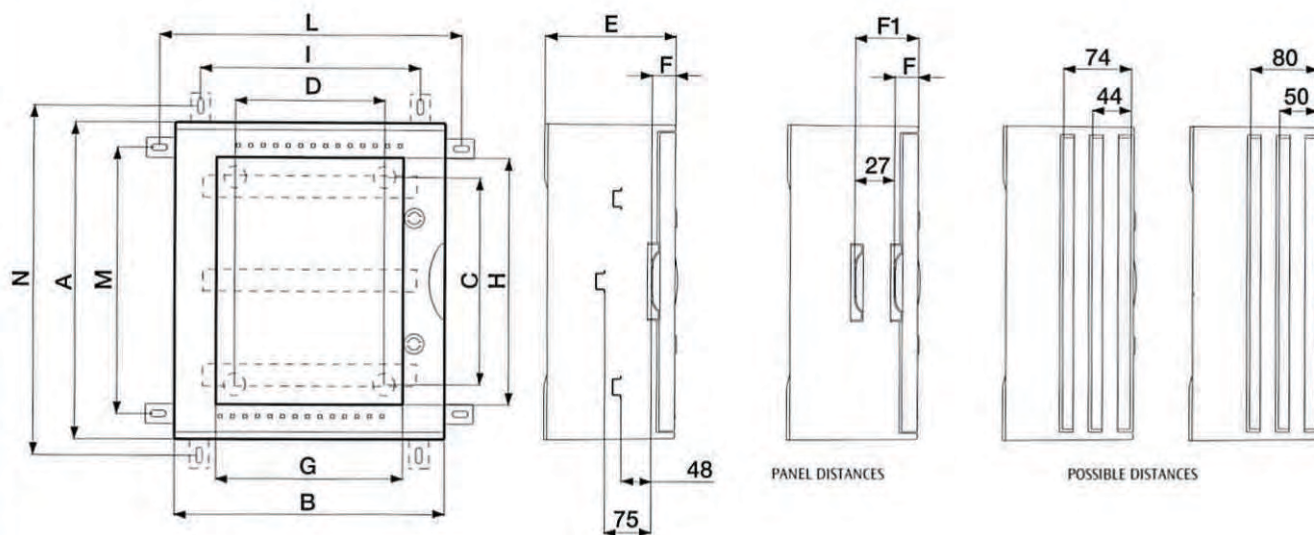
International Gas Detectors

CH₄ H₂S CO₂
NO₂ SO₂ NO CO



DIMENSIONS (W X H X D)	PLAIN DOOR	GLAZED DOOR
265x300x165	FB-BX1	FB-BX1-G
325x425x180	FB-BX2	FB-BX2-G
430x500x210	FB-BX3	FB-BX3-G
430x650x210	FB-BX4	FB-BX4-G

DIMENSIONS OVERVIEW



BOX SIZE							DISTANCE								MODULES	
	A	B	C	D	E	F	F1		G	H	I	L	M	N		
265x300x165	303	265	150	110	167	-	-		161	215	184	316	222	354	-	
325x425x180	428	325	255	132	183	40	67		193	319	245	377	348	480	36 (3x12)	
430x500x210	504	434	330	240	210	40	67 - 94		300	393	353	485	423	555	54 (3x18)	
430x650x210	654	434	480	240	210	40	67 - 94		300	544	353	485	573	705	72 (4x18)	