



- Polyamide hand held enclosures for data acquisition, MCR and automation engineering
- 2 sizes - 270 x 248 x 64 mm to 311 x 281 x 72 mm
- Large fitting area
- For installations and command devices mobile and stationary applicable
- Variable mounting depths

**Included in delivery:**

Double-skinned enclosure with upper and lower mould, each with fixing domes incl. seals and border profile, Limanda I: 3 cover flaps for interface garages, screws and fixing materials for front panel mounting.

**Technical data**

**Material:**

Enclosure: Polyamide

Border profile: NBR, black

**Colour:**

RAL 7021 black-grey

**Ingress protection:**

IP 65 to EN 60529

**EMC:**

Optional

**Temperature range:**

-20°C to +60°C

**Surface resistance:**

$10^{12}$  Ohm to DIN 53482

**Impact resistance:**

>7 Nm to EN 50014

**Flammability:**

V2 to UL 94

# Limanda

## Product range

Order No.	Enclosure type	Dimensions, W x L x H (mm)	Weight (kg)
27.03 03 00	Limanda I	311 x 281 x 72	0.9
27.03 03 01	Limanda I EMC	311 x 281 x 72	1.0
27.03 03 17	Limanda I for OP17	311 x 281 x 97	1.4
27.03 02 00	Limanda II	270 x 248 x 64	0.7

## Accessories

	Order No.
Limanda I Aluminium front panel, natural anodised finish Dimensions 269 x 199 x 3 mm, max. connector area 257 x 182 mm	27.03 03 80
Limanda I EMC front plate	27.03 03 90
Limanda II Aluminium front plate, natural anodised finish	27.03 02 80
Limanda I Intermediate frames	27.03 03 81
Limanda II mounting set for Siemens TP 170 / TP 070	27.03 02 82
Limanda I EMC intermediate frame	27.03 00 88
Limanda I handle set without push button	27.03 00 83
Limanda holder	27.03 00 84
Limanda I carrying strap	27.03 00 85
Limanda I quiver	27.03 00 86
Limanda II table stand (set = 2 pcs.)	27.03 00 87
Limanda II quiver	27.03 00 89
Limanda I handle set with 3-stage push button (right-hand version)	85.70 10 01
Limanda I handle set with 3-stage push button (left-hand version)	85.70 10 02
Cable connection with bending protection M 16	08.10 01 16
Cable connection with bending protection M 20	08.10 01 20
Cable connection with bending protection M 25	08.10 01 25
Inclination adapter for mounting directly on wall or machine	50.02 00 01
Inclination adapter for mounting directly onto GT 48/2 tube	50.02 00 02
Inclination adapter for mounting directly onto GTK electronic tube	50.02 00 03
Inclination adapter for mounting directly onto GT /2 or GTK electronic	50.02 00 04
Inclination adapter for Limanda bracket on GT 48/2 tube	50.02 00 05
Inclination adapter for Limanda bracket on GTK electronic tube	50.02 00 06
Inclination adapter for Limanda bracket on wall or machine	50.02 00 07
Push button and switches see page 55 - 60	on request



Limanda enclosure systems enable installation of many manual operation panels.



**Limanda I for OP17** - Supplied ready for installation of the Siemens OP17 Operator Panel without additional fitting materials.

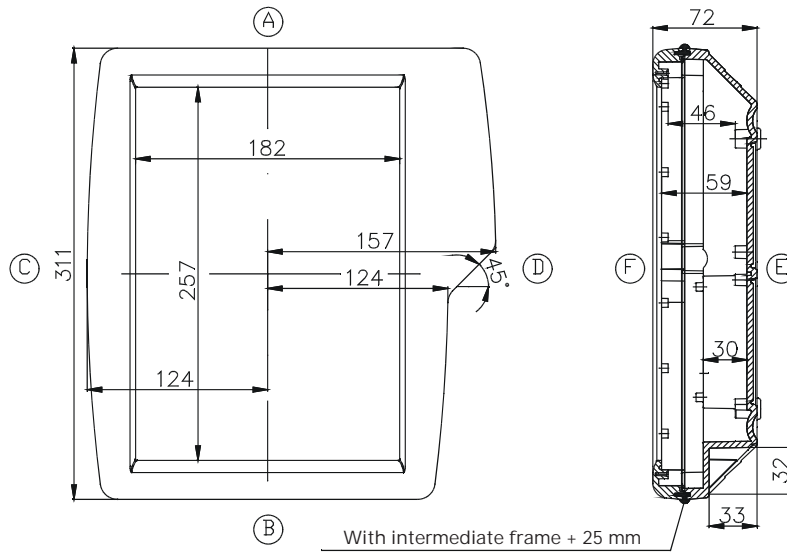


**Limanda II** with fitted command unit

Dimensions

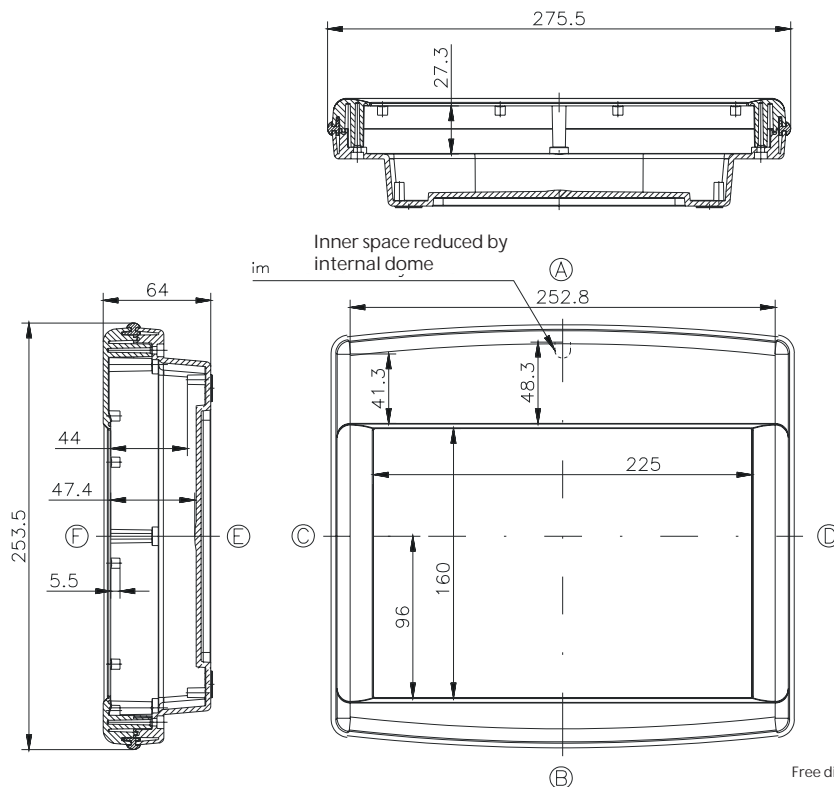


Limanda I



Free dimension tolerance to DIN 16901 - 130

Limanda II



Free dimension tolerance to DIN 16901 - 130

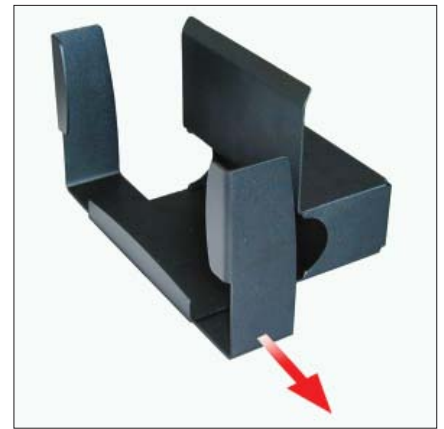
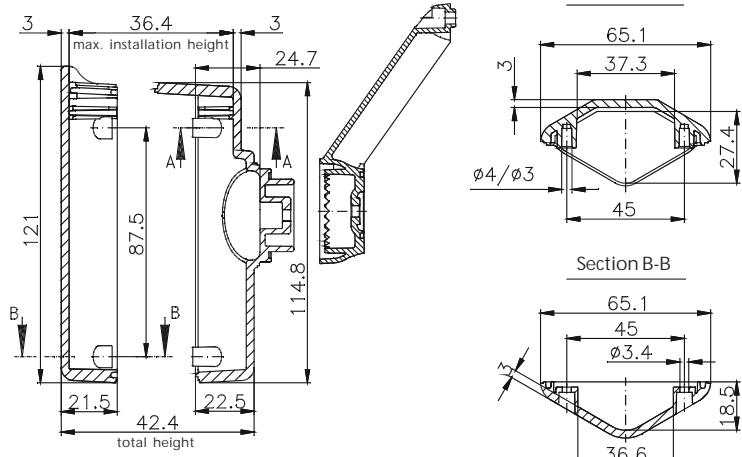
## Accessories



### Limanda I handle set

For installation on all four rear corners of the enclosure. The handle incorporates a stepped engaging mechanism which allows it to be optimally adjusted for the operator during installation.  
IP 65 once assembled.

Order No. **27.03 00 83**



**Limanda I handle set with 3-stage acknowledge key**  
(2-channel) for use in service, set up and programming operations.  
Included in delivery: handle set with fixed acknowledge key

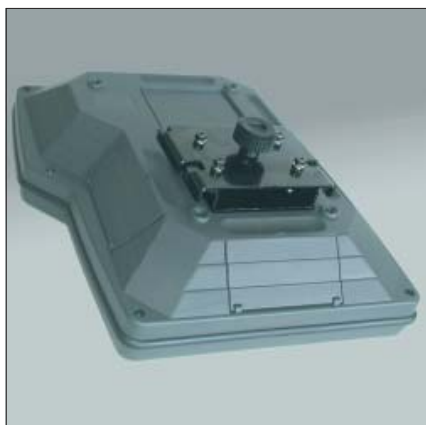
**Limanda quiver**  
Wall holder - adjustable in width and length, can be adapted to inclining adapter.  
Material sheet steel. For version without intermediate frame

Order No.	Type
<b>85.70 10 01</b>	Right-hand version (see figure)
<b>85.70 10 02</b>	Left-hand version

Technical data see page 55 - 60

Order No.	for version
<b>27.03 00 86</b>	Limanda I
<b>27.03 00 89</b>	Limanda II

Accessories



**Limanda holder**  
Enables rapid removal of the Limanda from the inclination adapter (for Limanda I and II). There is a gap of 19.5 mm between the Limanda and the holder for assembly purposes.

Order No. 27.03 00 84



**Limanda I intermediate frames**  
To increase the mounting depth from 46 mm to 71 mm (with an intermediate frame) and/ or to 96 mm (with two intermediate frames).

Order No. 27.03 03 81



**Carrying strap**  
The 30 mm wide woven strap can be adjusted from length 900 to 1600 mm.

Order No. 27.03 00 85



**Inclination adapter**

Order No.	Type	Weight (kg)
50.02 00 01	For mounting directly to wall or machine	1.3
50.02 00 02	For mounting directly to GT 48/2 tube	1.0
50.02 00 03	For mounting directly to GTK electronic tube	1.0
50.02 00 04	For installation to GT 48/2 or GTK electronic coupling	0.9

**Technical data**

Material	2.5 mm sheet steel
Bellow	PVC (T-50M), RAL 9005 (black)
Surface	black powder-coated
Temperature range	-40°C to +60°C
Stepped engaging mechanism	22,5°-steps



**Cable connection with bending protection** (no lock nut)

Order No.	Type
08.10 01 16	M 16 cable connection with bending protection
08.10 01 20	M 20 cable connection with bending protection
08.10 01 25	M 25 cable connection with bending protection

**Technical data**

Material	Polyamide
Moulded seal	NBR
Enclosure rating	IP 65
Temperature range	-40°C to +100°C
Colour	RAL 9005 black

# Limanda

## Accessories



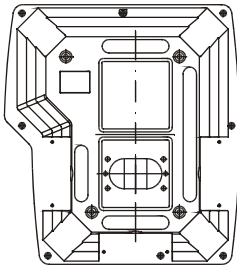
*Limanda I inclining adapter for holder*

Order No.	Type	Weight (kg)
50.02 00 05	for mounting directly to GT 48/2 tube	0.8
50.02 00 06	for mounting directly to GTK electronic tube	0.8
50.02 00 07	for mounting directly to wall or machine	0.5

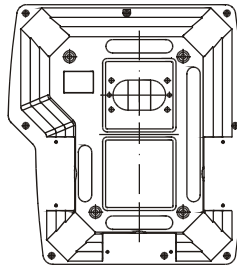
**Technical data**

Material	2.5 mm sheet steel (black powder-coated)
Knurled handles	reinforced thermoplastic
Temperature range	-40°C to +60°C

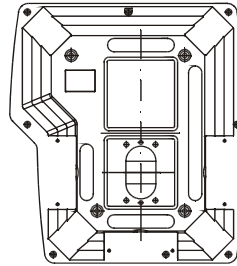
Variant 1



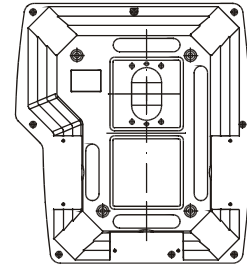
Variant 2



Variant 3

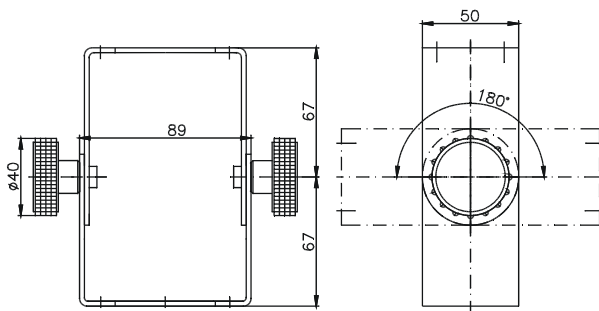


Variant 4



Specific Limanda drilling map required!

**Dimensions (wall mounted version)**



**Drilling map either side of the inclination adapter for the Limanda holder**

