



**ROSE**

A Phoenix Mecano Company



# OPERATING AND DISPLAY ENCLOSURES



In 1969 ROSE Systemtechnik GmbH was founded in Porta Westfalica, Germany. Today ROSE is one of the world's leading and innovative providers of industrial enclosure system engineering, employing over 350 people at the German headquarter.

In association with Phoenix Mecano AG, Switzerland, we develop and manufacture high-quality industrial enclosures and system solutions for areas such as mechanical and plant engineering, automation engineering, potentially explosive atmospheres, instrumentation, control and automation technology, as well as the foodstuff and beverage industry.

Our product range comprises the following:

- Standard industrial enclosures made of aluminum, stainless steel and plastics for individual installations of electrical connection technology and electronic components.
- Operating and display enclosures based on aluminum profile systems and stainless steel materials for HMI applications with industrial PCs, PLC control systems and visualization units, including suspension systems.
- Components for explosion protection with junction boxes and control stations for worldwide use in potentially explosive atmospheres, as well as the petrochemical and chemical industry in both onshore and offshore environments.

Our business success is based on a wide range of products, a high quality standard, constant innovation and an exceptional level of service. You decide the condition of delivery – the un-machined enclosure, a partial assembly or a completely assembled and tested customized system solution.

Take advantage of our worldwide sales and marketing network for your international projects.



Due to their variable profile structure, ROSE operating and display enclosures are flexible in terms of height and width.

A wide selection of different profile depths offers the required space for your installations.

ROSE suspension systems made of aluminium profile offer the same flexibility.

They are available in both standard and customised lengths.

Your benefit: we provide you with your customized solution starting at 1 item - quick, cost effective and reliable.

You decide what we can do for you!

We offer you all the options – from individual components, to completely assembled and fitted combinations of operating enclosures and suspension systems.

Individual Executions based on your CI concept are no problem for us.

We would be pleased to support you - starting with the design up to the complete system, including testing and approval.

Our operating and display enclosures and suspension systems correspond to the current state of technology. Furthermore, our operating enclosures show all necessary approvals including UL approval for use in the US. Our enclosures are listed in almost all operating equipment regulations of renowned automotive manufacturers both within Germany and worldwide.



## Pilot 50



- + Polyamide / PVC hand held enclosure for MCR and automation engineering
- + Large installation space
- + Variable length by using profile technology

### Included in delivery

Enclosure system consisting of internal polyamide enclosure with end covers, two lateral PVC cover profiles, Alucobond composite front plate, rear wall, 2 external end covers, with M 25 x 1.5 threaded hole for cable gland

### Technical data

Material	Polyamide 6 PVC
Ingress protection	IP 65 to EN 60529
Impact resistance	5 Joule, EN 60079-0
Flammability	End covers: UL 94 HB
Colour	End covers: RAL 1003, rape yellow PVC-profile: RAL 9005, jet black



# Pilot 50

## Product range

External enclosure dimensions H x W x D (mm)	Order No. Standard complete	Standard enclosure body without front plate/ without rear wall	Standard rear wall seperate	Standard front plate seperate
280 x 191 x 76	<b>29.11 10 00</b>	<b>29.11 00 00</b>	<b>29.11 00 01</b>	<b>29.11 00 02</b>
330 x 191 x 76	<b>29.12 10 00</b>	<b>29.12 00 00</b>	<b>29.12 00 01</b>	<b>29.12 00 02</b>
440 x 191 x 76	<b>29.13 10 00</b>	<b>29.13 00 00</b>	<b>29.13 00 01</b>	<b>29.13 00 02</b>
Special length	<b>29.19 10 00</b>	<b>29.19 00 00</b>	<b>29.19 00 01</b>	<b>29.19 00 02</b>



Pilot with small control device



Inner T-slots offer mounting facilities on all sides



Variable fittings

# Pilot 50

## Accessories

### Mounting set



Order No.	Execution
29.00 00 50	M4, set = 4 pcs

### Front plate

Order No.	Execution
29.11 00 02	for 29.11
29.12 00 02	for 29.12
29.13 00 02	for 29.13
29.19 00 02	Special length

### Cable gland with bending protection



Order No.	Execution
08.10 01 25	M25x1.5

### PCB fixing set



Order No.	Execution
29.00 00 60	Set of 4 pcs incl. spring nuts

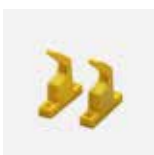
### Rear wall

Order No.	Execution
29.11 00 01	for 29.11
29.12 00 01	for 29.12
29.13 00 01	for 29.13
29.19 00 01	Special length

### Cable gland reduction

Order No.	Execution
08.01 25 12	M25 / M12
08.01 25 16	M25 / M16
08.01 25 20	M25 / M20

### Wall holder



Order No.	Execution
29.00 00 70	for Pilot 50 (single)
29.00 00 80	Magnetic wall holder
29.00 10 00	incl. enclosure machining

Further accessories see chapter „Electro-mechanical components“

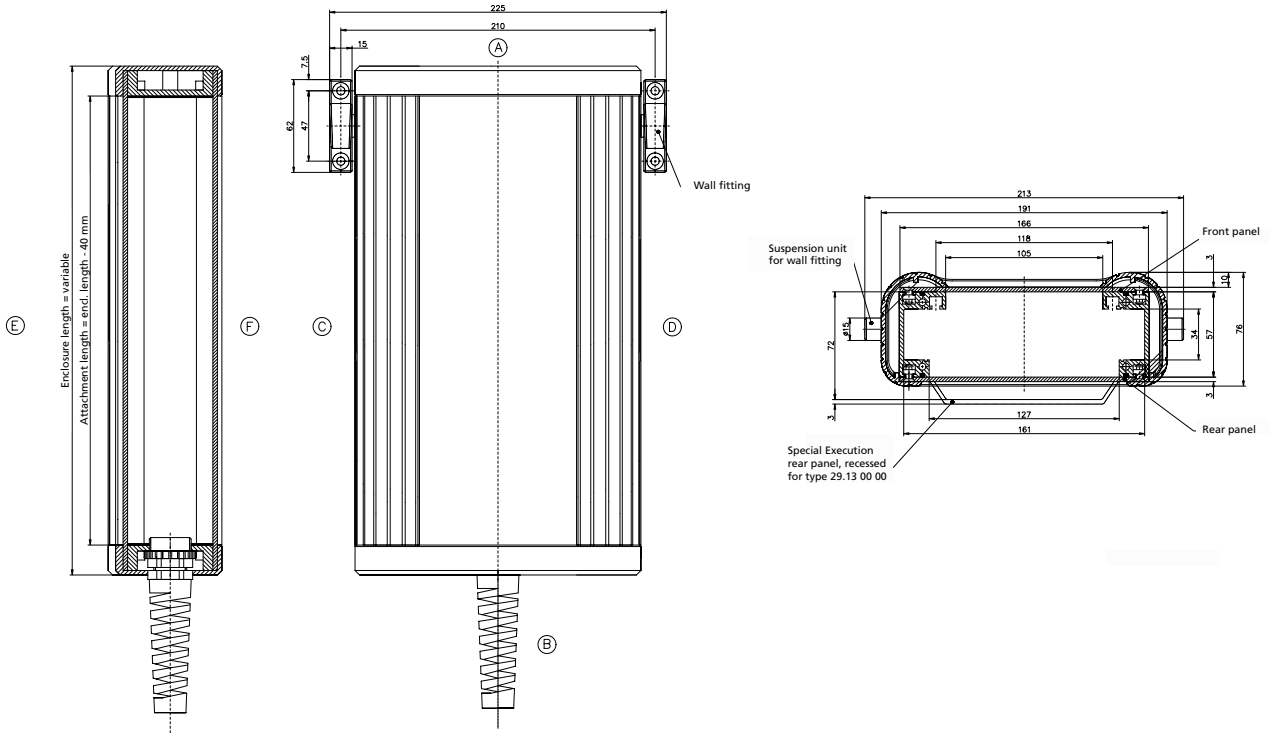


# Pilot 50

## Technical details



Standard	Dimensions	Weight (g)
<b>29.11 10 00</b>	280 x 191 x 76	1660
<b>29.12 10 00</b>	330 x 191 x 76	1900
<b>29.13 10 00</b>	440 x 191 x 76	2200
<b>29.19 10 00</b>	Special length	



Type	A	B	C	D	G
<b>29.11 10 00</b>	274	-	92	240	105/127
<b>29.12 10 00</b>	324	162	81	290	105/127
<b>29.13 10 00</b>	434	217	109	400	105/127
Special size, $A \leq 300$ mm	enclosure length - 6	-	A/3	A - 34	105/127
Special size, $A \geq 300$ mm	enclosure length - 6	A/2	A/4	A - 34	105/127

