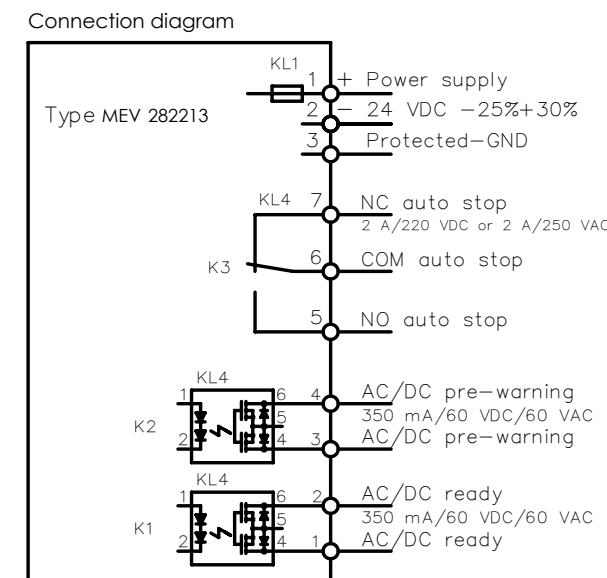
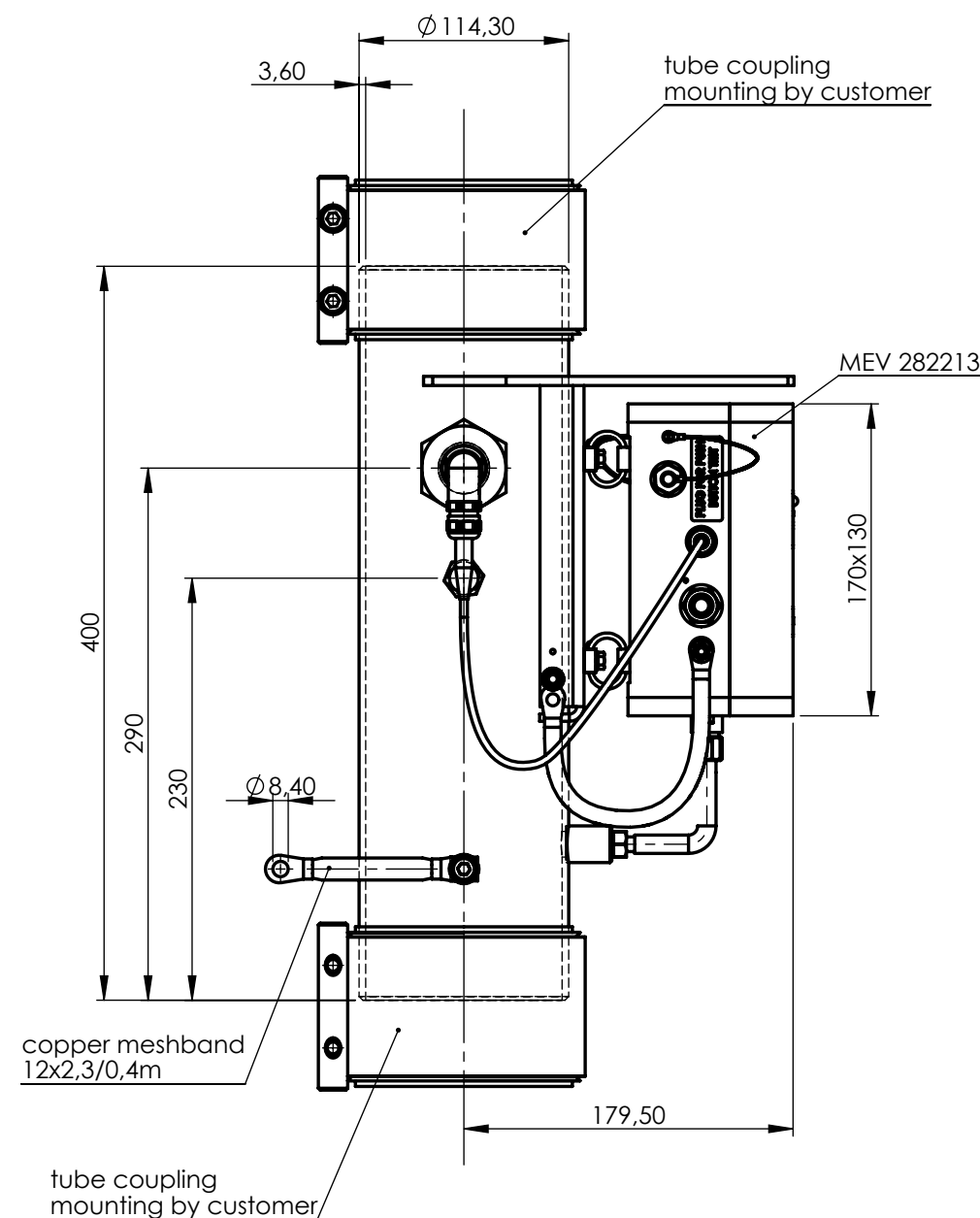
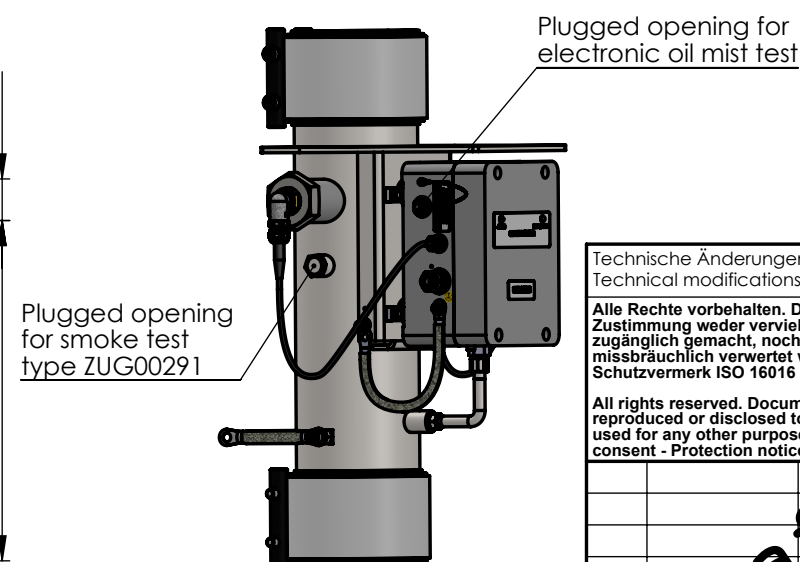
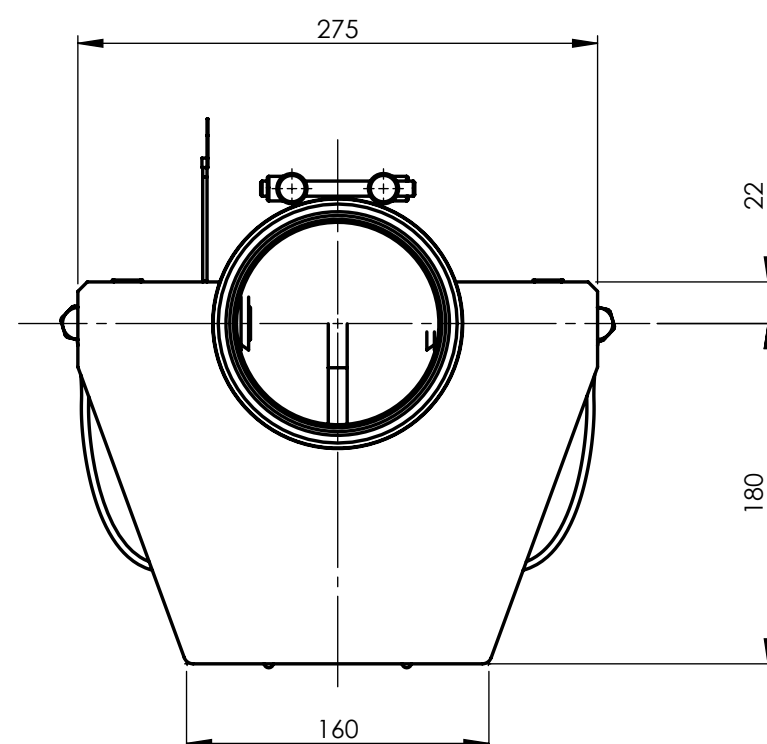




Technical Data

Power supply	24 VDC -25%+30%, protected by a fast acting fuse with 1.25 A.
Power consumption	approx. 25 W
Operating temperature	0 °C...+70 °C
Storage temperature	-10 °C...+80 °C
Enclosure acc.DIN EN 60529	analyser IP54, optical sensors IP67
Environmental	Mounting on diesel engines class "B", vibration acc. to curve 2 "GL" acc. to classification specs
<u>Inputs</u>	
Digital input	high level >15 VDC, low level <8 VDC
Design	galvanic isolated
<u>Outputs</u>	
Analogue output	current 4 mA...20 mA burden≤500 Ω
Resolution	PWM / Current conversion with 10000 steps
Linearity	≤±0,25% of final value
Reaction time	approx. 300 ms
Design	galvanic isolated
Relay—outputs	
K1, K2	PhotoMOS Relay
Max. switch current	0,35 A
Max. switch voltage	60 VAC/60 VDC
K3	electromechanical Relay
Max. switch current	2 A
Max. switch voltage	220 VDC/250 VAC



Technische Änderungen am Fremd-/Kaufteilen nur durch vorherige Genehmigung. Technical modifications to third party or purchased parts require our prior permission.																																		
Alle Rechte vorbehalten. Dokument darf ohne Zustimmung weder vervielfältigt, noch Dritten zugänglich gemacht, noch in anderer Weise missbräuchlich verwendet werden. Schutzvermerk ISO 16016 ist gültig. All rights reserved. Document may not be reproduced or disclosed to a third party or used for any other purpose without our written consent - Protection notice ISO 16016 is valid. Draft										Freimaßtoleranzen nach DIN2768m General Tolerance acc. DIN 2768m					Oberflächen-angaben nach DIN 1302 Surface Specification acc. DIN 1302					Maßstab/Scale 1:4														
										Form- und Lage- Toleranz nach DIN 1101 Geometric Tolerance per DIN 1101					 metrisch/metric					Werkstoff/Material:														
																				Halbzeug/Semifinished:														
																				Compact oil mist detector														
Erstellt Constr.					Datum/Date 10.04.2018					Name Ghazouani					TGL01899															A3 Blatt Sheet				
Geprüft Verified					10.04.2018					Schmidt																								
										Dr. E. Horn GmbH & Co. KG D-71101 Schoenaich Germany																								
Änderung/Revision					Datum/Date					Name					CAD.: TGL01899																			