

## Measuring and Warning Units

Acoustic and optical warning unit EWIII

**FEZER**  
Simply move more.

### Description

Electronic warning unit with acoustic howler (100dB(A)), optical warning lamps and power failure detector.

- lights up green on sufficient vacuum,
- lights up red on insufficient vacuum
- howler on power failure and insufficient vacuum

### Scope of delivery

Terminal box with mounted motor protection switch, mains unit (24V DC), contactor and terminal block, supply cable (5m), connection cable to vacuum pump (5m), connection cable for vacuum switch VSM-1/4 (5m) and grounding cable (0,5m). Please order the vacuum switch separately. The installation of the vacuum switch depends on the vacuum control:

- manual: installation in vacuum safety tank
- electrical: installation in suction circuit (after the valve)

### Application

- on large lifters
- central vacuum energy units
- surroundings with high noise level



EWIII

### Article number

EWIII for oilless vacuum pumps			EWIII for oil-lubricated vacuum pumps		
Vacuum control:	manual	electrical	Vacuum control:	manual	electrical
VP-T4.8-230V	6.35.4.0191	6.35.4.0223	VP-010.1-230/400V	6.35.4.0209	6.35.4.0241
VP-T4.8-230/400V	6.35.4.0193	6.35.4.0225	VP-016.1-230/400V	6.35.4.0213	6.35.4.0245
VP-T4.16-230V	6.35.4.0195	6.35.4.0227	VP-025.3EURO-230/400V	6.35.4.0217	6.35.4.0249
VP-T4.16-230/400V	6.35.4.0197	6.35.4.0229	VP-025.3MULTI-230/400V	6.35.4.0377	6.35.4.0401
VP-T4.25-230/400V	6.35.4.0200	6.35.4.0233	VP-040.3EURO-230/400V	6.35.4.0221	6.35.4.0253
VP-T4.40-230/400V	6.35.4.0205	6.35.4.0237	VP-040.3MULTI-230/400V	6.35.4.0381	6.35.4.0405
VP-T4.50-230/400V	6.35.4.0297	6.35.4.0321	VP-063.3EURO-230/400V	6.35.4.0345	6.35.4.0361
VP-T4.60-EURO-230/400V	6.35.4.0301	6.35.4.0325	VP-063.3MULTI-230/400V	6.35.4.0385	6.35.4.0409
VP-T4.80-EURO-230/400V	6.35.4.0305	6.35.4.0329	VP-0100.3EURO-230/400V	6.35.4.0349	6.35.4.0365
VP-T4.100-EURO-230/400V	6.35.4.0309	6.35.4.0333	VP-0100.3MULTI-230/400V	6.35.4.0389	6.35.4.0413
VP-T4.140-EURO-230/400V	6.35.4.0313	6.35.4.0337	VP-0160.3EURO-230/400V	6.35.4.0353	6.35.4.0369
VP-T4.250-EURO-400/690V	6.35.4.0317	6.35.4.0341	VP-0160.3MULTI-230/400V	6.35.4.0393	6.35.4.0417
			VP-0250.3EURO-230/400V	6.35.4.0357	6.35.4.0373
			VP-0250.3MULTI-230/400V	6.35.4.0397	6.35.4.0421

### Article number of required vacuum switch

Type	Vacuum switch VSM Switching point 60%	Vacuum switch VSM Switching point 70%	Vacuum switch VSM Switching point 80%
VSM-1/4- ...	1.52.1.0001	1.52.1.0008	1.52.1.0002

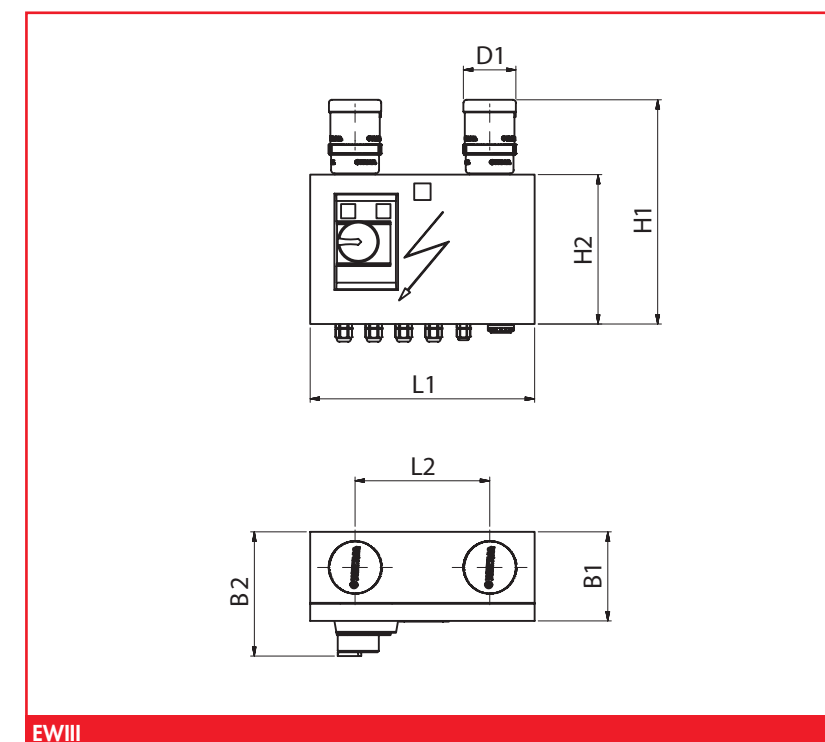
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### Technical data

Type		
Voltage	(V)	230 (AC1), 400 (AC3)
Frequency	(Hz)	50/60
Measure medium		dry, oilless unaggressive gases
Media resistance		air, oil, petrol
Meas.range	(bar)	-1 ... 0
Overpressure safety	(bar)	10
Fluid connection		G1/4
Switching exit digital		1x
Switching logic		changeover switch NO/NC
Switching range		5% ... 95% adjustable
Switching point, preset		60%, 70%, 80%
Repeat precision		+/- 5 %
Reaction time	(ms)	< 400
Protection class		IP55
Temperature range	(°C)	+10 ... +50
Weight	(kg)	6,2



EWIII

### Dimensions

Type	L1	L2	B1	B2	H1	H2	D1
EWIII	300	180	119	166	300	200	70