

ATEX heated analysis lines series WEX3



Self-limiting industry heated analysis lines with exchangeable inner lines for the transport of fluid media in temperature ranges up to +120 °C / +195 °C for process heating, temperature maintenance and protection against frost and condensation.

Features	Structure
<ul style="list-style-type: none"> Robust, flexible and dissipative construction for indoor and outdoor use Exchangeable, antistatic inner lines Wide range of variants in terms of diameters, inner lines, fittings and connections System-approved with an EU-type examination certificate (RL 2014/34/EU) Extensive documentation for the explosion protection document according to §6 para. 9 of the German Ordinance on Hazardous Materials (GefStoffV) 	

Specifications		Explosion protection marking
Nominal voltage	230 VAC (115 VAC)	Marking Gas II 2G Ex e mb IIC T4...T3 Gb Dust II 2D Ex mb tb IIIC T195°C Db -40°C ≤ Ta ≤ +85°C (ambient temperature)
Nominal power	application specific	
Max. operating temperature	+120°C / +195 °C	
Temperature class	T4...T3	
Max. length	up to 82 m	
Protection class	IP66	EC-type examination certificate TPS 14 ATEX 29587 014 X
Zones	1/2 (gas); 21/22 (dust)	
Sensor Pt100 (EX-i, EX-e) Standard sensor position 300 mm or application specific	standard: 1 optional: 2, 3 (SIL 3), 4...	

Dimensions			
DN	ID	OD	Nominal power
4	4 mm	6 mm	25 W/m,
6	6 mm	8 mm	30 W/m,
8	8 mm	10 mm	45 W/m,
10	10 mm	12 mm	54 W/m,

All dimensions in mm
The nominal diameter DN always refers to the inner diameter ID of the exchangeable inner line
* Other lengths / sizes on request

Versions of termination and cable exits *			
<p>WEX33.... with silicone caps on both sides</p>	<p>WEX34.... with threaded connectors M63x1.5 on both sides</p>	<p>WEX38.... with silicone cap on E-side and threaded connector M63x1.5 on A-side</p>	<p>WEX39.... with threaded connector M63x1.5 on E-side and silicone cap on A-side</p>

*Other versions on request