

ATEX heated analysis lines series WEX9



Heated analysis lines with exchangeable inner lines for the transport of fluid media in the temperature range up to +200 °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 T3 Gb Dust II 2D Ex mb tb IIIC T200°C Db -40°C ≤ Ta ≤ +85°C (ambient temperature) <u>EC-type examination certificate</u> TPS 09 ATEX 1006 X
Nominal power	application specific	
Max. operating temperature	+200°C	
Temperature class	T3	
Max. length	up to 46 m (100 W/m)	
Protection class	IP66	
Zones	1/2 (gas); 21/22 (dust)	
Sensor Pt100 (EX-i, EX-e) Standard sensor position 300 mm or application specific	standard: 2 optional: 3 (SiL 3), 4, 5...	

* Other nominal voltages upon request

Dimensions			
DN	ID	OD	Nominal power
4	4 mm	6 mm	100 W/m
6	6 mm	8 mm	100 W/m
8	8 mm	10 mm	100 W/m
10	10 mm	12 mm	125 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>WEX93.... with silicone caps on both sides</p>	<p>WEX94.... with threaded connectors M63x1.5 on both sides</p>	<p>WEX98.... with silicone cap on E-side and threaded connector M63x1.5 on A-side</p>	<p>WEX99.... with threaded connector M63x1.5 on E-side and silicone cap on A-side</p>

*Other versions on request