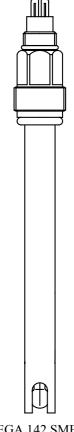
## pH Combination Electrode EGA 142



This pH combination electrode with gel electrolyte (low maintenance), rugged construction and built-in temperature probe features application under industrial conditions in water technology and sewage treatment. The incorporated temperature probe allows simultaneous measurement of pH and temperature especially for automatically temperature compensated pH measurements.

In addition to the version EGA 142 SMEK with removable Multipin SixPlug plug head connection system, the model EGA 142 VP with the extremely rugged VP plug head (VARIOPIN) connection system and models with fixed cable connection are available.

Accompanying plug head cable connections:

K 54/2:	Triaxial cable, length 2 m with SixPlug plug head cable connector,
	without meter plug
K 19/5:	6 wires measuring cable, length 5 m with SixPlug plug head cable
	connector, without meter plug
VP6-ST/5m:	6 wires measuring cable, length 5 m with VP plug head cable
	connector, without meter plug



## **Specifications**

Electrode stem	plastic Ø 12 mm, black		
Immersion length	120 mm (immersion lengths 150 mm on request)		
pH range	рН 0 14		
Temperature range	- 5 60 °C		
Temperature probe	integrated Pt 1000 platinum resistor in accordance with DIN IEC 751 class A (special version with Pt 100)		
Membrane shape	cylinder		
Membrane resistance	ca. 250 MΩ (25 °C)		
Reference system	Ag/AgCl		
Electrolyte	gel-filled (non-refillable), about 3 M KCl		
Isopotential point	$pH = 7 \pm 0.3$		
Diaphragm	ceramic frits		
Pressure	max. 6 bar		
Electrical connection	EGA 142 SMEK: EGA 142 VP:	Multipin PG 13.5 threaded SixPlug plug head Multipin PG 13.5 threaded VP plug head	
Process connection	PG 13.5 threaded plug head for direct mounting in housings; installation vertically or laterally up to 30° from vertical		

## Sensortechnik Meinsberg GmbH

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