KMA.Pg

Industrial programmer for KMA family devices

KMA.Pg is a compact industrial solution for programming the NXP magneto-resistive sensors of KMA series.

KMA.Pg is the ideal tool for any programming need both for production or laboratory environments.

MAIN FEATURES:

- Extended supply voltage 9÷36Vdc protected by polarity inversion
- Plug-in device L=12TE for 19" 3U rack mount chassis
- Sense feedback on power supply lines
- Analog and SENT Output measurements
- Sensor's current consumption measurement
- Short circuit protection
- Floating ground with 1.5kV isolation
- PC connection through Ethernet TCP/IP communication

TECHNICAL SPECIFICATIONS

| Specification	Details		Notes
Supported models	KMA 210 KMA 215 KMA 220 KMA 221	KMA 320 KMA 321 KMA 310 Z80	
Supply	9÷36Vdc polarity independent		(170 mA consumption)
Sensor output	2 output with common supply and ground Sense on Power supply lines Short-circuit protection Floating GND		Up to 1.5kV isolation
IP	20		
Dimensions	WxHxD : 61 x 129 x 189 mm		3U – 12TE module for 19" chassis

KMA.Pg

SOFTWARE FEATURES

- Software Tool for KMA.PG, dll and LabVIEW™ libraries supplied with the programmer

- Ethernet TCP/IP communication with TTech proprietary communication protocol.

- The libraries are fully documented for application development

- No drivers needed for connecting the programmer

- Full control of the Sensor Memory

- Continuous reading of the Output Voltage

- Reading and decoding of SENT output

- SENT slow channel data decoding and visualization available on request with additional license

- Automatic Zero offset correction

- Integrated procedure for 2 points calibration

- Possibility to save and reload sensor's configuration files

- Free SW and FW upgrades

APPLICATIONS

- Laboratory and development systems

- Production programming systems

- Tool for resident, off-site technician
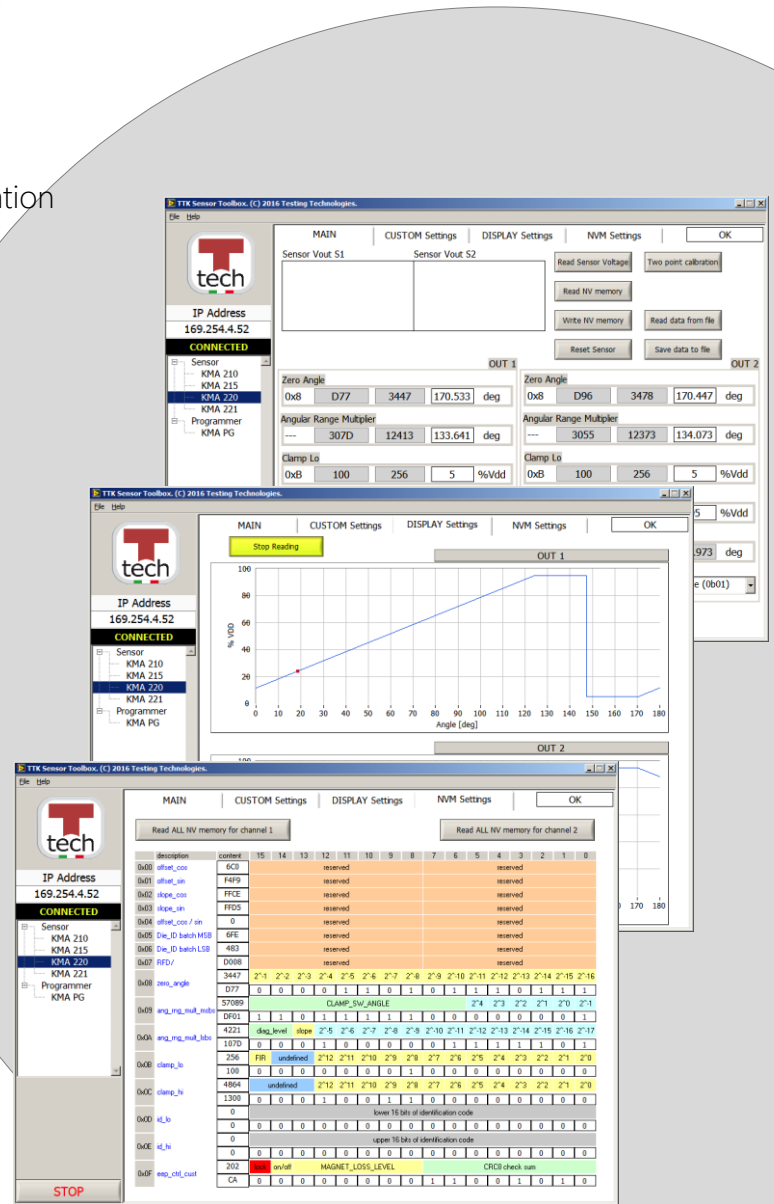
CONFIGURATIONS AND OPTIONS

Product Code	Description
KMA.Pg	Manage Sensors with up to 2 Channels with Analog and SENT output
KMA.ssc	SW plug-in for SENT Slow Channel Decoding and Visualization