



## RETROFIT - for Your Engine Safety System

Between 1980 and 1995, NORIS KN923 series engine safety systems were produced particularly for the engine manufacturer Deutz. After more than 20 years, these systems can no longer be maintained or repaired due to the discontinuation of components on the market. We recommend preventative replacement with our **RETROFIT concept from the KN3-923 series**.

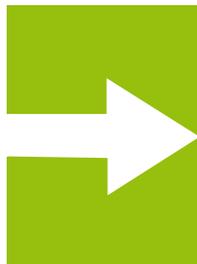
It offers electrical engine protection that is fit for the future in the same design and with state-of-the-art technology for reliable operation for decades to come. Identical dimensions and identical connections guarantee fast and smooth replacement of old for new in the guise of **"Plug-and-play"**.



- Direct replacement for all KN923 systems
- Modern and user-friendly technology
- Identical dimensions and connections
- Use of existing sensors
- Monitoring of sensors for wire breaks and earth faults
- Status LED for each individual sensor and output
- Approved by ABS, BV, DNV-GL, LR

### The Principle of Plug-and-Play

Fast and smooth replacement - we only need to know the following information from your side:



1. Old product reference, e.g. KN923-11
2. Engine type, e.g. SBV-8M-628 (more types are listed in the table)
3. Engine number, e.g. 25677895
4. Overspeed trip point (RPM)
5. Mounting situation - mounted in NORIS-cabinet or console
6. Classification society

The systems of the following engine types can be replaced:

Deutz MWM Engine Types		
xxM-350	SBV-xx-628	TBD-620-xx
BFM-xxxx-MC	SBV-xx-640	TBD-628-xx
BVM-640-xx	TBD-xx-540	TBD-645-xx
SBA-xx-528	TBD-510-xx	TBD-440-xx
SBV-xx-540	TBD-604-xx	TRD-440/6-xx

Further engine types and engine manufacturers are available on request.

Please do not hesitate to contact our sales team should you have any questions:

**NORIS Automation GmbH**  
Muggenhofer Str. 95  
90429 Nuremberg  
Germany

Tel.: +49 911 3201-220  
Fax: +49 911 3201-150  
sales@noris-group.com  
www.noris-group.com

■ Nuremberg ■ Rostock ■ Rotterdam ■ Singapore ■ Shanghai