

KRIWAN Pump Protection



KRIWAN PUMP PROTECTION

Product overview

KRIWAN pump protection devices offer a reliable and user-friendly solution for the protection and monitoring of pumps and pump systems for a wide range of applications.

		INT69® YF Diagnose EXTENDED	INT69® YF Diagnose STANDARD	INT69® F Diagnose BASIC
Motor temperature	PTC, PT100, PT1000, bimetal	●	●	●
Temperature 1	PTC, PT100, PT1000	●	●	
Temperature 2	PTC, PT100, PT1000	●	●	
Leakage 1	Conductivity, float switch	●	●	● only conductivity
Leakage 2	Conductivity, float switch	●	●	
Analog input	4–20 mA	●		
Phase monitoring	Phase sequence, phase failure, phase asymmetry, overvoltage, undervoltage	●	●	
Relay alarm		●	●	●
Relay warning		●		

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Protect the pump and collect data at the same time

Your benefits

- Maximum operational safety through protection and warning relays
- Space and cost savings – replaces up to 7 individual devices
- Fast troubleshooting and documentation through Diagnostic and INTspecter App
- Flexibility through individual parameterization
- Connectable up to the cloud
- Quick and easy wiring through push-in terminals
- Control cabinet mounting on 35 mm standard rail
- Tamper-proof



KRIWAN CONNECTED 4.0

The intelligent KRIWAN Diagnose system is easy to implement, flexible scalable, and makes reliable and efficient system operation possible with Condition Monitoring.

KRIWAN Diagnose devices save machine and system data which can be viewed on-site with the **INTspector® App** or remotely with integration into a system controller.



INTspector® App

- Parameterization
- Diagnosis
- Access to device data and information
- Detailed history of error events
- Sensor data and development before and after the error occurred
- Error counter for all device errors
- PDF report



Programming
the set values with
INTspector® App

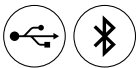


Direct diagnosis
with INTspector® App,
access to device
data



Protection ⊕ Monitoring

OR



INTspecter® App

Connectivity



INT®600 DM Gateway


Integration into the system controller


- Converting of KRIWAN Diagnose device data into Modbus protocol with INT®600 DM Gateway
- Continuous, long-term monitoring
- Connectable up to the cloud



KRIWAN
Industrie-Elektronik GmbH

Allmand 11
74670 Forchtenberg
Germany

 (+49) 7947 822 0

 (+49) 7947 7122

info@kriwan.com

kriwan.com

pump-protection.kriwan.com

