

## Support quick commissioning

# CONDITION MONITORING SERVICE PACKAGE

Unplanned downtimes and disruptions in the production process can be avoided with multifunctional condition monitoring sensors and integrated data pre-processing. Intelligent sensors provide you with condition data that you can use to automate cost-intensive manual inspections.

To provide you with optimum support when commissioning the condition monitoring sensor, we offer you our condition monitoring service package. It allows you to use the numerous functions and setting options of the sensor easily and quickly. In addition, with this package you avoid time-consuming and cost-intensive control integration. Your condition monitoring system is thus ready for use in the shortest possible time. With the right combination of hardware and software, as well as holistic consulting from a single source, you can get started right away and exploit the potential of your system.

### Features

- Unified retrofit solution for machine and process monitoring
- Highly flexible through the connection of any four IO-Link sensors
- Easy and fast commissioning of the condition monitoring sensor
- Plug-and-play commissioning of the system and visualization of the data
- Autonomous system with data storage – independent of cloud and controller
- Remote monitoring through network integration via MQTT
- Customizable through docker support
- Comprehensive support from our application specialists





## Condition monitoring service package

If you want to record condition data over a longer period of time or implement your own condition monitoring system, our condition monitoring toolkit condition monitoring service package offers you a comprehensive service. All components included are suitably matched to each other – including Balluff condition monitoring sensors and the CMTK condition monitoring toolkit. With this flexible system, you quickly gain a deeper insight into the actual condition of your machines and systems, allowing you to detect and prevent deviations and problems at an early stage. In addition, this service package also includes support from our application specialists.

CONDITION MONITORING SERVICE PACKAGE	SET01ZP	
SENSORS	BCM0002 (INCLUDED)	
Description	2 × IO-Link condition monitoring sensor with the function modules vibration, temperature, humidity and ambient pressure	
NETWORKING	BAV002N (INCLUDED)	
Description	2 × LAN: RJ45 socket, 8-pin; 4 × IO-Link: M8 socket, 4-pin, A-coded; PWR: Phoenix MC1.5/3-STF-3.81; USB: USB 2.0 Standard-A; Processor: 1.8 GHz/400MH; Memory: 2 GB RAM; Data memory: 8 GB EMMC; Operating voltage: 20...30 V DC; Protection class: IP20	
CONNECTIVITY	BCC03RH (INCLUDED)	BCC02ZA (INCLUDED)
Cable	2 × connection cable for sensor, PUR black, 1 m, drag chain suitable	1 × connection cable for power supply, PUR black, 2 m
For terminal 1	M12 female, straight, 5-pin, A-coded	M12 male, straight, 3-pin, A-coded
For terminal 2	M8 male, straight, 4-pin, A-coded	Open cable end
POWER SUPPLY	INCLUDED	
Description	1 × power supply 230 V/24 V, M12 female, A-coded	
SERVICES	INCLUDED	
Description	On-site support during the commissioning of the condition monitoring system (up to 8 hours) as well as ongoing consulting during the two-week test period. Alternatively, this can also be done remotely.	

Our Condition Monitoring Service Package is currently available in Germany, Austria and Switzerland. For local support for this solution, please use the contact form or get in touch with your local contact directly.

### Technical Services and Solutions D-A-CH:

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