

Impulse

NEWS

RATIONIK®

Under the term RATIONIK® we produce industry-oriented system solutions whose prime objective is to exploit the effects of rationalization. We work mainly in the fields of project engineering, assembly and production, commissioning, troubleshooting and logistics. In this way, we can devise a specific solution for your requirements.



APPLICATIONS

- Mechanical engineering
- Mech. engin. construction
- All applications with increased demands on field-bus modules

YOUR BENEFITS

- Shorter assembly times through plug connections for bus and power
- Fast commissioning through pre-configured, pre-tested connection cables
- Reduced down time through comprehensive diagnostic information
- Higher machine availability through short servicing time

MVK Metal

for the toughest demands

Rigorous decentralization often places enormous demands on the installation technology used. This is especially true of field-bus modules that are mounted right beside sensors and actuators.

Besides the basic requirement for protection IP67, requirements are increasingly being made on high vibration and shock resistance, and resistance to the usual cooling lubricants, but also on perspiration-proofing.

The new MVK Metal series fulfills these requirements.

Thanks to the high resistance to vibration (vibration 15 g, and shock 60 g), MVK Metal modules are suitable for use in extreme conditions.

Versatile and variable in use – MVK Metal is available for Profibus DP and

DeviceNet. In addition to entry modules with PIN2 diagnosis, there are also modules with freely-programmable I/O functions available.

Reduced down time through Diagnostics – all modules have convenient, comprehensive diagnostic functions.

- Overload or short circuit
 - Cable rupture in the I/O cable
- are monitored for each plug position separately, localized precisely by LED, and additionally signaled to the controls.

NEW! – now with



FOR TOUGHEST DEMANDS



MVK Metal

for the toughest demands


- High mechanical stability through die-cast housing.
- Tough and robust through completely encapsulated electronics unit.
- 2-hole mounting for quick, trouble-free attachment.
- Consistently plugged connections for quick installation.
- Multifunctional service modules are a full replacement for any functional variant. This reduces store costs, and simplifies service.
- Multifunctional plug positions help to reduce unplanned reserves. Where 2 modules were used in the past, 1 module will often be sufficient in future.
- Plug positions occupied by 2 channels reduce the wiring effort when connecting double-acting valves.
- Overload-proof outputs support the operation of high-performance hydraulic valves up to 1.6 A.
- Plug-position-related current monitoring ensures that when a fault occurs only the affected channel, and not the entire module, is switched off.

If you have questions about technical data or accessories, please ask us for further documentation

impulsi
NEWS

Error recognition instead

Sensor and actuator monitoring by single-channel diagnostic




BENEFITS

- Minimize downtime
- Fast set-up
- Remote maintenance capability

Suitable for every application

Multi-functional I/O – each signal can be parameterized as diagnostics, input or output.



BENEFITS

- Minimize variants
- Avoidance of unused plug positions
- double valve connectable with 1 wire

The information contained in this brochure is deemed to be accurate and up to date. Murrelektronik accepts no liability for any changes made to the products or information contained within this brochure.

Date 07/05
Version 04/3.000

Murrelektronik GmbH
Falkenstraße 3
D-71570 Oppenweiler, GERMANY


P.O. Box 1165
D-71567 Oppenweiler, GERMANY

Tel. +49 (0) 71 91 47-0,
Fax +49 (0) 71 91 47-130

info@murrelektronik.com
http://www.murrelektronik.com

Printed in Germany

MVK Metal



Ordering data	Art.-No.	Art.-No.	Art.-No.
D18 + 8 x Diagnostic/DI	55307	55294	55297
D108 + 8 x Diagnostic/DI	55308	55295	55298
D108 + 8 x Diagnostic/DIO	55309	55296	55299