

## Impact20

### Cost-Efficient I/O Fieldbus Connection for the IP20 Range

With its high channel density and its small dimensions, the Impact20 I/O fieldbus station is specifically suited for installations in terminal boxes and control panels.

The excellent price/performance ratio ensures extreme cost savings! Different fieldbus interfaces make it possible to implement these modules in various bus systems. Flexible integration options and the choice between predefined input, output and hybrid modules enable a wide application range.

The fieldbus interfaces are perfectly suited for applications with a high I/O density as in mechanical engineering, in materials-handling technology or in logistics.

Impact20 offers planners and electrical engineers a solid base for minimizing project costs.



### EFFICIENT: CONCENTRATED ON THE ESSENTIALS

Murrelektronik's Impact20 is the perfect solution when the requirement is a cost-efficient application of fieldbus I/O modules in terminal boxes and control panels.

- **Predefined Inputs and Outputs** - Helps facilitate configuration
- **Single Channel Diagnostic via LED** - Indicate failures on the spot
- **Group Diagnostic via the Bus** - Facilitates failure analysis
- **Channel-Related Shut Down** - Only the failed port is cutoff

### MURRELEKTRONIK Related Products

Impact67



MES



Panel Pass Through



EcoRail



RJ45 Cable



## MODEL OVERVIEW

Input/Output Module

IMPACT20-P

IMPACT20-DN

IMPACT20-C

IMPACT20-E

IMPACT20-EC

IMPACT20-PNIO

-digital

IP20 protection



Ordering Data	Art. No.	Art. No.	Art. No.	Art. No.	Art. No.	Art. No.
16 digital inputs	56900	56908	56904	56916	56912	56920
8 digital inputs, 8 digital outputs	56901	56909	56905	56917	56913	56921
16 digital outputs	56902	56910	56906	56918	56914	56922
<b>Fieldbus</b>						
Connection	SUB-D 9-pole, female	Open Style	SUB-D 9-pole, male	RJ45		
Transfer Protocol	Profibus-DP	DeviceNet acc. to ODVA	CANopen	Ethernet IP	EtherCat	ProfiNet
Addressing	Rotary Switch			Rotary Switch	Automatic	Automatic
Transfer Rate	up to 12MBit/s	125Kbit/s, 250Kbit/s, 500Kbit/s	up to 1MBit/s	up to 100MBit/s Full Duplex	up to 100MBit/s	10/100MBit/s Full Duplex
<b>Supply Voltage</b>						
Sensor and Actuator Supply	Spring Clamp Terminal 2.5mm <sup>2</sup>					
Transfer Protocol	24V DC (18-30.2V), acc. to EN61131-2					
<b>I/O Ports</b>						
Connection	Spring Clamp Terminals 2.5mm <sup>2</sup>					
Inputs	Single wire connection technology					
Sensor Supply	24V DC (18-30.2V), acc. to EN61131-2, <= 200mA/port					
Outputs	Semiconductor output short-circuit/overload protected, with 0.5A or max. 2A; Total current 8A					
Overload Cut-Off	channel-related					
<b>Module Diagnostics</b>						
Fieldbus	RUN-LED					
Supply Voltage	LED, alarm via the bus					
I/O Overload	channel-related LED, group alarm via the bus					
<b>Dimensions (HxWxD)</b>	117 x 56 x 47mm					

➔ From the control cabinet... via the interface...  
passive and active... into the field  
Murrelektronik has your connectivity solutions

