Intelligent voltage supply

Directly in the field

- Field mounting reduces voltage losses due to long cable runs
- No control cabinet required thanks to protection class IP67
- Outputs protected by electronic fuses
- Output voltage adjustable, current for each output can be set separately
- Status and diagnostic LEDs

IP67

IO-Link

ifm – close to you!

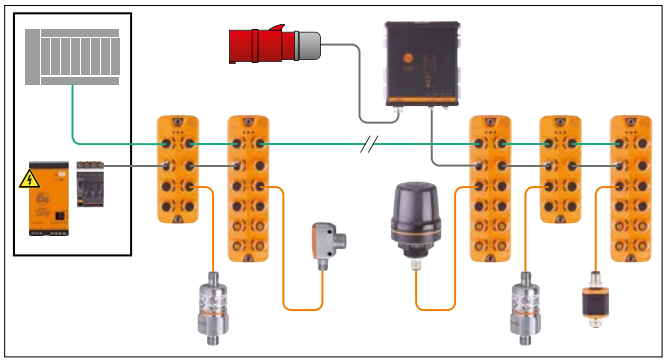
Operating voltage [V AC]	IO-Link	Output power (permanent) [W]	Number of output circuits	Plug for output circuits	Order no.
380...480 ±15% (3-phase)	–	500	4	2x M12, L-coded	**DN4234**
380...480 ±15% (3-phase)	•	500	4	2x M12, L-coded	**DN4237**
110...250 ±15% (1-phase)	•	300	4	2x M12, A-coded	**DN4218**
110...250 ±15% (1-phase)	•	200	2	1x M12, A-coded	**DN4217**

Power supply directly in the field

More and more users mount control components decentrally on the machine instead of in the control cabinet, for example IO-Link masters or other field modules.
With classic power supply from the control cabinet, critical voltage drops occur due to the high currents through the long cables. To prevent this, ifm offers a powerful power supply for mounting directly in the field.

Protection in the secondary circuit

Integrated electronic fuses reliably protect the components connected to the 24 V power supply against excessive current and short circuits.



Use of the power supply directly in the field

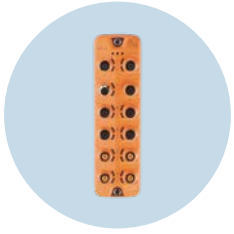
More reliability

Electronic fuses reliably detect short circuits even with high line resistances. Due to the four individually fused output circuits, a faulty circuit is selectively switched off, the intact circuits continue to function reliably.
Even with high current peaks, such as when switching capacitive loads, the supply is guaranteed.

Additional IO-Link functions

- Setting of the output voltage
- Transmission of the actual voltage on the primary and secondary side
- Transmission of the present current per channel
- Transmission of the triggered channel in case of a fault
- Resetting of the triggered channel

BEST FRIENDS



IO-Link masters
Field-compatible PerformanceLine, up to 2 A per port

IO-Link M12 modules
Connection of binary sensors to IO-Link masters

Vibration diagnostics
Diagnostic electronics for decentralised use

For further technical details,please visit: ifm.com/fs/DN4234