

IO-Link Memory Modul

Compact, read-write memory unit for tough industrial environments

Multi-purpose machine mount data recorder:

- 1 Kbytes of bi-directional memory available as fourteen 64 byte segments to track various machine activities and performance data
- Counter for operational data such as number of usage cycles, or events
- Maintenance information such as historical power consumption
- Temperature profiles
- Intervals for lubrication, oil change, and more

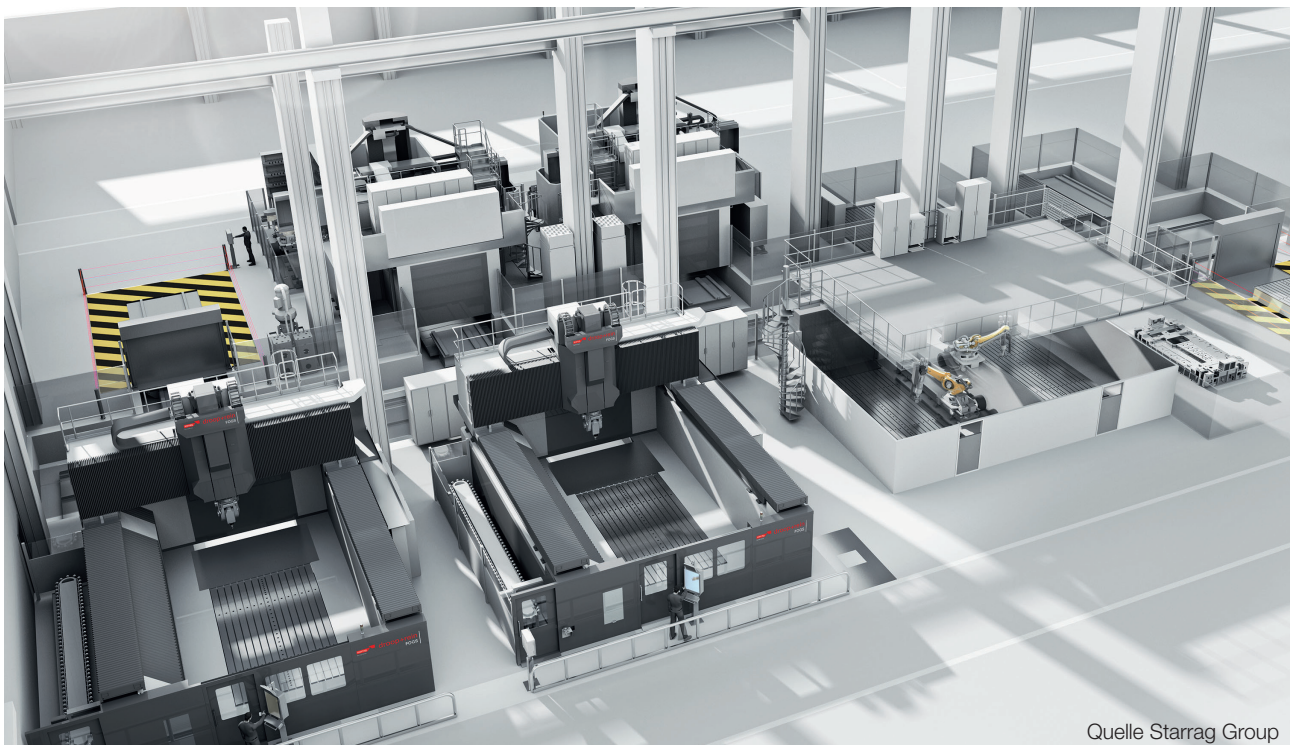


Reliable communication over standard M12 sensor cable

IO-Link powered memory module enables communication with the controller through IO-Link master over simple 3-wire sensor cable—no special connections required. With IO-Link this memory module can be installed on the assemblies, milling heads, die, or machine where the data needs to be recorded or applied. The device is capable of automatic parameterization functionality available through IO-Link communications.

Convenience with machine mount

The compact IO-Link Memory modules are used today in machining centers and milling heads, so that all the operational and maintenance data stays with the moving parts of the machine or system. As the memory modules offer high resistance to the electromagnetic interference, this machine mount method offers an easy and efficient way to store and track the data with the parts. This memory module opens unlimited possibilities for storing and tracking data and enabling systems for Industry 4.0 or IIoT.





Type	14× 64 Byte Memory
	BNI00AM
Supply voltage U_B	18...30 V DC
Connection: Communication	M12, A-coded, male
Enclosure rating per IEC 60529	IP 67 (when connected)
Operating temperature T_a	-25...+70 °C
Dimensions (L×W×H)	34×16×8 mm
Housing material	PP

IO-Link Version 1.1

Min. Cycle Time	2 ms
Operating modes (3-wire)	COM 2
Process Data Length	0 Byte

Services



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