

# Newsletter October 2016



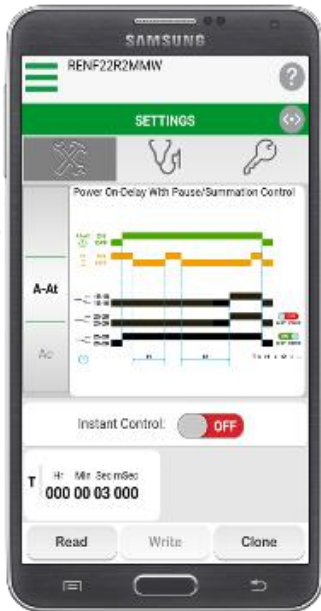
Life Is On

Schneider  
Electric

# Index

- Zelio NFC timing relays 
- Telemecanique vision sensors 
- Maximum mobility with our new handybox 
- X80 TMC Expert Frequency Input Module 
- Modicon M580 Global Data Module 
- End of commercialization of the 2011 Magelis iPC offer 

# It's time to rethink relays



## Discover our innovative Zelio NFC timing relay

Zelio NFC is a multifunctional timing relay with **28 timing functions in one single reference (RENF22R2MMW)**. The product has two outputs and supports a wide range of voltages from 24VDC to 24VAC – 240VAC. But that's not all!

Timesettings are setup by near field communication (NFC) between an Android (1) smartphone and the Zelio NFC relay. This results in **unprecedented accuracy** (50x better!) and timing can be set by hour, minute, second or even millisecond.

You also **save valuable time**. Selecting the time function, setting the timing, cloning and storing the settings... are all through the app!

Using the Zelio NFC app **simplifies** monitoring and testing. It's possible to read relay status, change the relay settings, diagnose potential issues, overwrite the output and manage relays without power.

And... You can count on **superior security** by setting a four-digit password on your timing relay.



Download the catalogue



Watch the video



Download the app

(1) Zelio NFC is only available on Android devices with NFC. Apple does not allow third-parties to access the NFC chip.

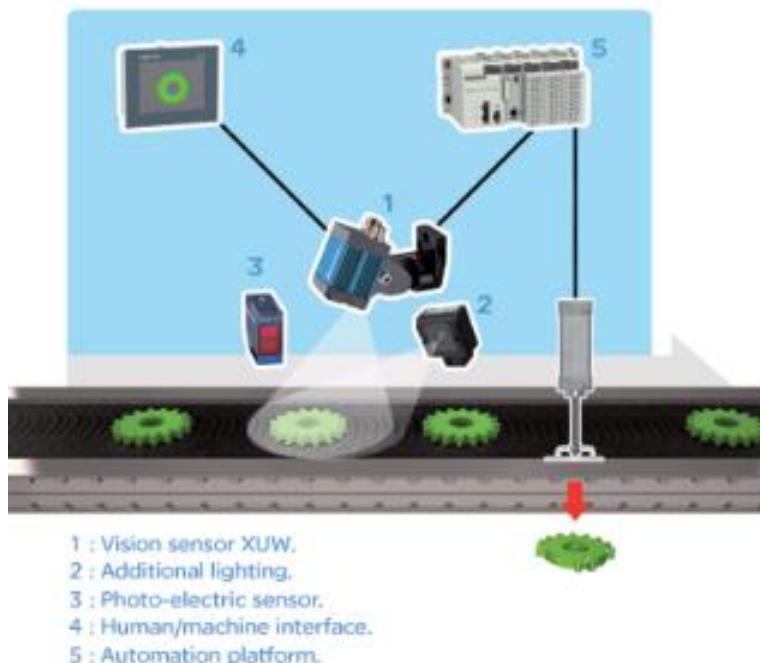
[schneider-electric.be](https://www.schneider-electric.be)

Schneider Electric nv/sa – Customer service: +32(0)2 37 37 502 (NL) / 501 (FR)  
[customer-service.be@schneider-electric.com](mailto:customer-service.be@schneider-electric.com) - [www.schneider-electric.be](http://www.schneider-electric.be)



**Schneider**  
Electric

# A plug & play solution to integrate your TE vision sensors?



## Typical applications for Telemecanique vision sensors Osisense

- Barcode reader
- Quality control, integrity of the object
- Presence of an object
- Orientation, position, sorting
- Checking Marking
- Guiding and gripping

## Why using this solution?

- Can be interfaced with any device that talks modbus TCP ( also third party )
- No programming needed in the destination PLC
- Test your vision jobs without a PC
- Compatible vision Barcode reader XGVSA12W, XUWSA and XUWAA cameras

## Discover the solution in a movie

[VideoKitFinal.wmv](#)

[schneider-electric.be](http://schneider-electric.be)

Schneider Electric nv/sa – Customer service: +32(0)2 37 37 502 (NL) / 501 (FR)  
[customer-service.be@schneider-electric.com](mailto:customer-service.be@schneider-electric.com) - [www.schneider-electric.be](http://www.schneider-electric.be)



Life Is On

**Schneider**  
Electric

# Maximum mobility with our new handybox



## Handybox for wireless and batteryless pushbuttons

With the introduction of the Harmony mobile box, users now have at their disposal a complete solution for controlling equipment wirelessly while being able to freely change the command position. This delivers many practical benefits:

- **Increased time efficiency:** Forklift operators can operate machines/open and close automatic doors/change traffic lights without dismounting.
- **Reduced installation cost:** Users can eliminate costly and complicated wiring in applications such as construction lifts, long and modular machines, large production sites, factory gates, etc.
- **Improved safety of operator and application:** Operator can control the equipment from a distance. There are no exposed wires or cable trays that can wear out over time.

Two versions are available:

- A box with 1 hole for 1 wireless and batteryless pushbutton: **ZBRM21**
- A box with 2 holes for 2 wireless and batteryless pushbuttons: **ZBRM22**

In addition, there are two accessories:

- A support for the handybox that can be fixed on a wall or on a round surface: **ZBRACS**
- A hook to support the handybox on your belt: **ZBRACH**



[schneider-electric.be](https://www.schneider-electric.be)

Schneider Electric nv/sa – Customer service: +32(0)2 37 37 502 (NL) / 501 (FR)  
[customer-service.be@schneider-electric.com](mailto:customer-service.be@schneider-electric.com) - [www.schneider-electric.be](https://www.schneider-electric.be)



Life Is On

**Schneider**  
Electric

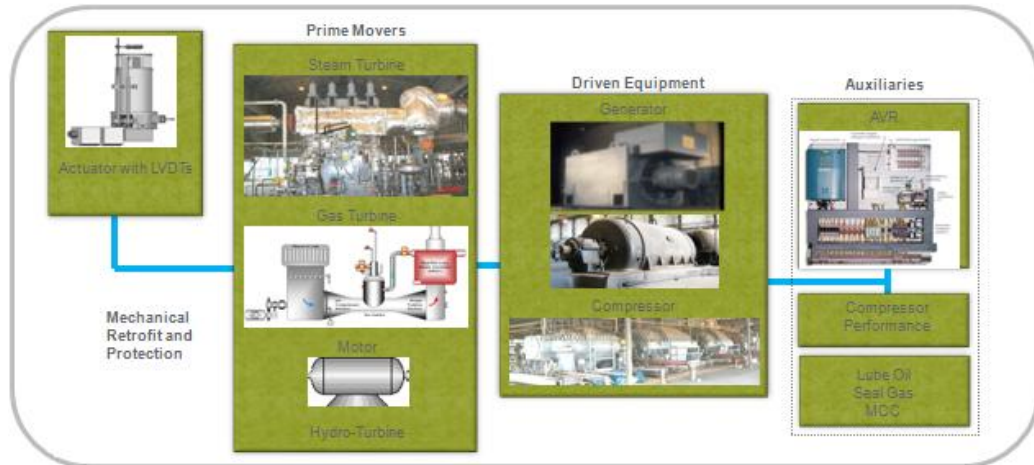
# X80 TMC Expert Frequency Input Module



ref. BMXETM0200H



## TMC Application Scope



## Frequency Input Module for Turbomachinery Governor Control

The new BMXETM0200H harshed module is available on Modicon M340 and M580 platforms, and designed for frequency monitoring of the turbine shaft and diesel engines etc., and provides the following **benefits** to user for TMC applications:

- Fast and accurate frequency measurement (2 channels)
- Frequency measurement range from minimum 1Hz up to maximum 500 KHz with input filters
- Support to a variety of sensor and signal input types, including MPU, APU, PT and Encoder
- Dedicated functions such as Pattern Recognition, Jerk and Acceleration Detection, Phase Angle and Ratio Detection etc.
- Easy to use with Scaling of Frequency Input for RPM measurement, Reflex Output and Broken Wire Detection etc.

Download the product data sheet: ([EN](#))

Available: November 2016

### •Typical applications:

- Large hydro turbines
- Small steam turbine generators
- Small hydro turbines
- Small mechanical drive gas turbines
- Diesel generators
- Reciprocating compressors
- Packaged air compressors
- Single-stage mechanical drive turbines: pumps

**Our advantages** are large portfolio of automation products and solutions covering whole TMC spectrum, i.e., from general purpose to critical TMC, including Modicon PAC, DCS, Telemetry, and LV to MV.

### Our differentiators are:

- Energy Management
- TMC application experiences
- One-Stop Shopping solution provider
- Turbomachinery Mechanical Retrofit

[schneider-electric.be](http://schneider-electric.be)

Schneider Electric nv/sa – Customer service: +32(0)2 37 37 502 (NL) / 501 (FR)  
[customer-service.be@schneider-electric.com](mailto:customer-service.be@schneider-electric.com) - [www.schneider-electric.be](http://www.schneider-electric.be)



Life Is On

Schneider  
Electric

\*TMC = Turbo Machinery Control

# Modicon M580 Global Data Module

## BMXNGD0100: Modicon M580 Global Data Module

The goal of this new offer is to provide a simple solution to operate Global Data Service on Modicon M580, fully compliant with Modicon installed base (Quantum, Premium, M340, and Momentum).

With this module we provide a simple and consistent solution to interconnect M580 to all our Modicon historical ranges (Momentum, M340, Premium, Quantum), to offer a smooth modernization path to our customers when dealing with large systems.

In addition, we provide a native inter-controller communication solution within M580 architecture to support evolution toward complex processing and high-end applications.

Available: November 2016

### •Technical overview

- 1 Ethernet port
- Same Global Data characteristics as implemented in BMXNOE0100
- Multicast Filtering: GMRP only (no IGMP).

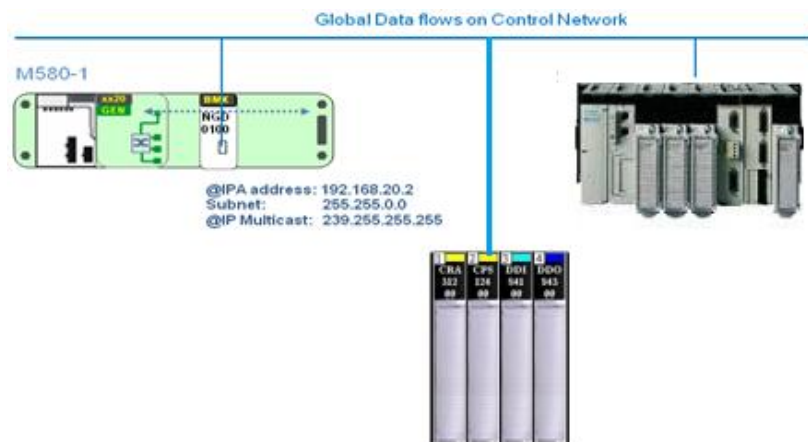
In addition to global data service, as this module must be used for inter-controller communication, we implemented the following services inside:

- IP config
- Modbus TCP explicit messaging both client and server
- Security (same cybersecurity features as the BMXNOE0100)
- SNMP

### •Limitations

- No support of HSBY architectures
- No support of CCOTF, service cannot be modified on run
- No IO-Scanner,
- No Web
- No FDR
- No NTP

This **NGD module is dedicated to global data service**, and should not be used for other purpose. This has also been clearly highlighted in the module name - NGD : Network Global Data



[schneider-electric.be](http://schneider-electric.be)

Schneider Electric nv/sa – Customer service: +32(0)2 37 37 502 (NL) / 501 (FR)  
[customer-service.be@schneider-electric.com](mailto:customer-service.be@schneider-electric.com) - [www.schneider-electric.be](http://www.schneider-electric.be)



Life Is On

**Schneider**  
Electric

# End of commercialization announcement



## End of commercialization of the 2011 Magelis iPC offer

Intel CPU's of Magelis Box PC and Panel PC released in 2011 are obsolete. Intel CPUs and chipset are under last buy program since Q2 2015. Remaining parts in stock force us to stop the commercialization of this legacy range.

In addition Microsoft will end the commercialization of Windows XP for industrial applications by end of 2016.

This impacts the 2011 iPC offer (HMIPP\*, HMIPU\*, HMIBP\*, HMIPW\*, HMIPV\*, HMIPT\*, HMIPR\*). For a complete list of references and the conversion to the new Magelis iPC offer HMIPSO/PSP/BM/DM (launched in march 2016), please download the [excel sheet](#). To discover our new iPC range, please download our [catalogue](#).



# Archive

Download the previous newsletters

[April 2016](#)

[May 2016](#)

[June 2016](#)

[August 2016](#)

[September 2016](#)



Life Is On

**Schneider**  
Electric