

	<b>Product change notification</b>	QD-00193-01
		Version vom 15.06.2021
		Druckdatum 25.01.2022
		Seite 1 von 3

## Product Change Notification (PCN)

PCN-No.:	2022-001
Date:	25.01.2022
Product category	Sensors
Product(s) affected:	
GEMAC Motus® PR-26010-30, PR-26014-30, PR-26015-30, PR-26016-30, PR-26110-30, PR-26114-30, PR-26115-30, PR-26116-30, PR-26410-00, PR-26414-00, PR-26510-00, PR-26514-00, PR-26710-30, PR-26714-30, PR-26715-30, PR-26716-30, PR-27010-30, PR-27014-30, PR-27016-30, PR-27110-30, PR-27114-30, PR-27116-30, PR-27116-30-01, PR-27116-30-02, PR-27116-30-03, PR-27116-30-04, PR-27116-30-05, PR-27410-00, PR-27411-00, PR-27414-00, PR-27510-00, PR-27514-00, PR-27710-30, PR-27714-30, PR-27716-30	
Change category:	<input type="checkbox"/> product status <input type="checkbox"/> equipment / location <input type="checkbox"/> general data <input type="checkbox"/> material / component <input type="checkbox"/> process <input type="checkbox"/> product design <input type="checkbox"/> marking <input type="checkbox"/> shipping / packaging <input type="checkbox"/> supplier <input checked="" type="checkbox"/> software
Datasheet changed:	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> not applicable
Manual changed:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> not applicable
Attachment:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no software changelog
Product status (current)	PRODUCTION
Product status (new)	PRODUCTION
Effective date:	01.02.2022
Last order:	n.a.
Last shipping:	n.a.
Contact:	Sylvia Stephani +49 371 3377-390 sylvia.stephani@gemac-chemnitz.de

### ■ Adressdaten

GEMAC Chemnitz GmbH  
Zwickauer Straße 227  
D-09116 Chemnitz  
Germany

### ■ Kontaktdaten

Telefon: +49 371 3377-0  
Telefax: +49 371 3377-272  
E-Mail: info@gemac-chemnitz.de  
Web: www.gemac-chemnitz.com

### ■ Firmendaten

Geschäftsführer: Robert Hermann  
Tilo Rothkirch  
USt-IdNr.: DE815709706  
Steuer-Nr./Tax.No.: 215/109/05854  
Handelsregister: HRB 31088 Chemnitz

### ■ Bankverbindung

Ostsächsische Sparkasse  
IBAN: DE24 8505 0300 0221 1345 49  
BIC: DDDE81XXX

	<b>Product change notification</b>	QD-00193-01
		Version vom 15.06.2021
		Druckdatum 25.01.2022
		Seite 2 von 3

**Description and purpose of change:**

Software update with minor bug-fixes and extension of functions.

**Details of change:**

Added new functions for digital sensors with software version 1.01. Standard configuration of sensor has not been changed. For details, see software changelog attached. For functions description, see user manual of the sensor.

**Reliability / Qualification summary:**

n.a.

**Alternate part (s):**

n.a.

■ **Adressdaten**

GEMAC Chemnitz GmbH  
Zwickauer Straße 227  
D-09116 Chemnitz  
Germany

■ **Kontaktdaten**

Telefon: +49 371 3377-0  
Telefax: +49 371 3377-272  
E-Mail: info@gemac-chemnitz.de  
Web: www.gemac-chemnitz.com

■ **Firmendaten**

Geschäftsführer: Robert Hermann  
Tilo Rothkirch  
USt-IdNr.: DE815709706  
Steuer-Nr./Tax.No.: 215/109/05854  
Handelsregister: HRB 31088 Chemnitz

■ **Bankverbindung**

Ostsächsische Sparkasse  
IBAN: DE24 8505 0300 0221 1345 49  
BIC: DDDE81XXX

	<b>Product change notification</b>	QD-00193-01	
		Version vom	15.06.2021
		Druckdatum	25.01.2022
		Seite	3 von 3

## Software changelog - Version 1.01

## [1.01] - 2022-01-25

### Added

- Configuration of the device orientation by the user using six possible orientations (sensors with digital interface CAN, CANopen or SAE J1939)
- Added parameter for enabling self-starting device for CANopen
- Added mapping functionality for SAE J1939 output signals
- Configuration of the sensor fusion has been extended by settings for damping factor and enabling or disabling of dynamic damping factor

### Changed

- Changed internal offset configuration, measurement range is no longer limited, if an offset different from zero is configured
- Offset setting is now also applied to Euler angle output

### Fixed

- CANopen: manufacturer specific configuration is now permanently saved after store command
- The sensor reports accuracy warning in case of exceeding the measurement range for acceleration or angular rate and the sensor fusion is reset

### ■ Adressdaten

GEMAC Chemnitz GmbH  
Zwickauer Straße 227  
D-09116 Chemnitz  
Germany

### ■ Kontaktdaten

Telefon: +49 371 3377-0  
Telefax: +49 371 3377-272  
E-Mail: info@gemac-chemnitz.de  
Web: www.gemac-chemnitz.com

### ■ Firmendaten

Geschäftsführer: Robert Hermann  
Tilo Rothkirch  
USt-IdNr.: DE815709706  
Steuer-Nr./Tax.No.: 215/109/05854  
Handelsregister: HRB 31088 Chemnitz

### ■ Bankverbindung

Ostsächsische Sparkasse  
IBAN: DE24 8505 0300 0221 1345 49  
BIC: DDDE81XXX