Withdrawn; however may be applied on special agreement l

EUROMAP 15

PROTOCOL FOR COMMUNICATION BETWEEN INJECTION MOULDING MACHINES AND A CENTRAL COMPUTER

Part 7

Time Stamping

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This recommendation was prepared by the Working Group "Electronic Control of Injection Moulding Machines" of EUROMAP.

It is part of the complete EUROMAP 15 recommendation.

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1. Introduction

Part 7 of the EUROMAP 15 recommendation defines the telegrams and data structures necessary for time stamping, i.e. obtaining time and date belonging to the selected responses of the machine controller. If time stamping is activated it must be used for every standard answer of part 1 and 2 excluding "000".

2. Types of Telegrams

2.1 Definition of Telegrams from the Central Computer

		ACTIVATE TIME STAMPING Description
05	-N01-	<pre>activate time stamping - no (default)</pre>

Telegram 015: REQUEST FOR TIME STAMP contains no data bytes

2.2 Extension of the List with Standard Answers

Telegram 100: Byte cont.	-
0508 -N03-	

2.3 Definition of Telegrams from the Machine Controller

_		TIME STAMPING ACTIVE Description	
	•	time stamping active - no	

Telegram 115: Byte cont.	TIME STAMP Description
0507 -N03- 0809 -N02- 1011 -N02- 1213 -N02- 1415 -N02- 16 -N01- 1718 -N02-	hours [00 23] day [01 31] day of week [1 = Monday 7 = Sunday] month [01 12]
1718 -N02- 1920 -N02-	year [00 99]

3. Communication Flow

3.1 Activate Time Stamping

3.2 Deactivate Time Stamping

3.3 Receive Request with Time Stamp

3.4 Error Detection

If the slave receives telegram "015" although it did not send a standard answer "100"+"015", it will send "196".

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