

ASTRA

Messung XMP-8 Series PLC Driver

www.renuelectronics.com

⌘ Tables of Contents ⌘

<u>Preface</u>	3
<u>1. Introduction</u>	3
<u>2. Technical and Communication Details</u>	4
<u>3. Data Types and Addressing</u>	5

⌘ Preface ⌘

This document introduces the user to the [Messung Xmp-8 Series PLC driver](#) for ASTRA. This document, explains the capabilities and technical details of [Messung Xmp-8 Series PLC driver](#) and how to use the driver.

⌘ Introduction ⌘

The intent of this document is to assist the users of [Messung Xmp-8 Series PLC driver](#) in conjunction with the ASTRA SCADA software package. This document assumes the user to have general knowledge of [Messung Xmp-8 Series PLC family](#). The addressing scheme is similar to that of the [Messung Xmp-8 Series PLC programming software](#) with some slight modifications, which are explained in subsequent chapters. The description of different data types and the addressing scheme should be understood before attempting to use the driver in ASTRA project.

⌘ Technical & Communication Details ⌘

Device Models :	Messung Xmp-8 Series models as: 8/6, 12/8, 16/12
Communication Protocol :	Full Duplex.
Communication Parameters :	
Baud Rate -	9600
Parity -	ODD
Data Bits -	8
Stop Bits -	1
Data Format -	HEX
Synchronisation -	Start/Stop
Cable Connections :	Uses standard RS232C cable.

⌘ Data Types and Addressing ⌘

Data Types :

This section will describe the addressing scheme used by the **Keyence** PLC driver for the different data types and how to enter the address in ASTRA.

Model: 8/6, 12/8, 16/12

	Segment	Ranges	Read / Write	Data Types
Memory Words	02	000-031	R/W	Unsigned Integer
Input Words	01	000-000	R	Unsigned Integer, Bit, Discrete
Output Words	00	000-000	R/W	Unsigned Integer, Bit, Discrete
Data Registers	20	000-511	R/W	Unsigned Integer
Input Words Exp.	01	001-002	R	Unsigned Integer, Bit, Discrete
Output Words Exp.	00	001-002	R/W	Unsigned Integer, Bit, Discrete



Renu Electronics Pvt Ltd.
S.No. 2/6, Baner Road,
Pune 411045, India.
Tel: + 91 20 2729 2840,
Fax: + 91 20 2729 2839
Email: info@renuelectronics.com
Website: www.renuelectronics.com

