



## BTL7-abcd-Mnnnn-f-ggggg-lmmm/nnnn

### BTL7

第七代磁致伸縮定位系統

#### a 介面

V = 乙太網

#### b 操作電壓

5 = 10 ... 30 V

#### c 介面特徵 1

0 = 彈性磁鐵模式

#### d 介面特徵 2

T = 專業網路

#### Mnnnn 額定長度 (4 件式)

M2000 = 公制, 單位為公釐  
(2000 ... 4500 mm, 以 500 mm 為調幅)

#### f 結構

P = 外型輪廓

#### ggggg 特殊規格

SA447 = 長距離 BTL

#### l 連接類型

C = 插頭

#### m 連接類型特徵

003 = 1 x M8x1 含 4 針腳 + 2 x M12x1 含 4 針腳

#### nnnn 應用長度

LxxA = xx 單位為公尺 (5 公尺增量 / 5、10、... 250 m)

# Magnetostrictive Sensors SETs BTL7 LDPS

# BALLUFF

## Basic features

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### 系統結構

### System requirements

**Controller:** Simatic PLC S7 1200 / S7 1500

For applications with up to 100 position sensors and one to two axes, an S7 1200 is usually sufficient.

For applications with more than 100 position sensors and more than two axes, an S7 1500 can be useful and depends on the

### 說明

required movement speed of the axes.

**Project planning software:** TIA V14, 15 or 16

**SCADA visualization:** Windows PC with .Net framework installed

An Ethernet interface is required for communication with the PLC.

磁致伸縮位置測量系統，測量範圍可達數百公尺