



## LT30 Profibus 操作实例

## 配置:

Siemens 硬件: 电源 PS307 5A, CPU: 315-2DP, 通讯模块: CP 343-1 Lean 软件: Step7 v5.5 英文版; Step7 v5.4 Sp5 中文版 结果: 数据读取正常。

一、 接线:请在断电情况下接线。24V 电源: PIN G,blue,24V+; PIN L,Black,GNDProfibus 接线: PIN3, red; PIN8, Green

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在硬件窗口,选择"Option"→"Install GSD File..."→选择"Browse"文件路径,点击"Install" 进行安装(如下图),安装成功会有成功提示。(若安装失败,也会有错误提示,请记下错误 号和错误内容并与 Banner400 技术服务取得联系 400-6306-336。)

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将 LT30H3HQ 拖到 Profibus 网上,完成组态。编译,并下载。记下起始地址: PIW272

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进行硬件诊断:

S7-300 会显示,一切正常,硬件添加完成。

三、 编写程序,读取数据:添加 OB82, OB86, OB122 等组织块。添加 DB1,并定义 DB1.DBD0 为长整形数据。

## OB1 的程序如下图:

Network 1	
Comment:	

	FN		
PID272-	IN	OUT	-DB1.DBD0

或者使用 STL 语言:

L PID 272

T DB1.DBD 0

在线读取数据:

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数据读取成功。

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