

Instruction Sheet

Main program networks on Siemens S7
with Vaisala K-Patents® refractometer

VAISALA

S7_1200 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks

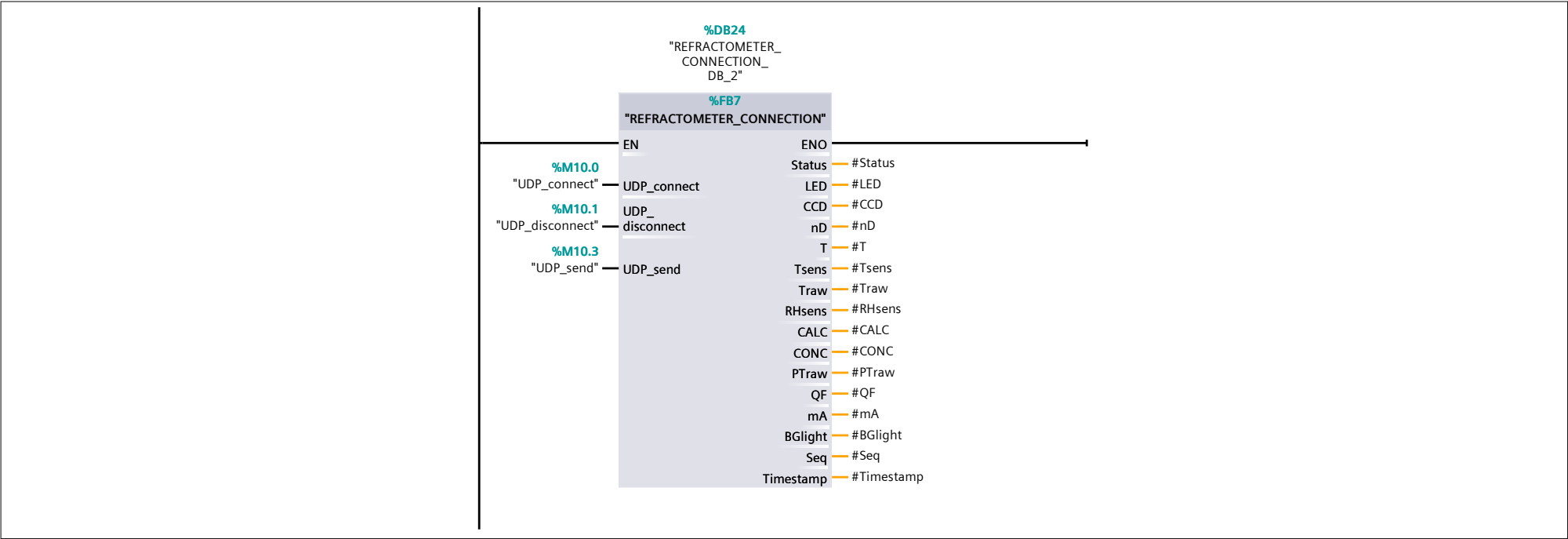
Main [OB1]

Main Properties							
General							
Name	Main	Number	1	Type	OB	Language	LAD
Numbering	Automatic						
Information							
Title	"Main Program Sweep (Cycle)"	Author		Comment		Family	
Version	0.1	User-defined ID					

Main			
Name	Data type	Default value	Comment
▼ Input			
Initial_Call	Bool		Initial call of this OB
Remanence	Bool		=True, if remanent data are available
▼ Temp			
Status	String		
LED	Real		
CCD	Real		
nD	Real		
T	Real		
Tsens	Real		
Traw	Real		
RHsens	Real		
CALC	Real		
CONC	Real		
PTraw	DInt		
QF	Real		
mA	Real		
BGlight	DInt		
Seq	DInt		
Timestamp	DInt		
Constant			

Network 1:

This network connects to a K-PATENTS refractometer. "UDP_connect" must be set to '1' to connect. After that, 0->1 changes of "UDP_send" will trigger data traffic. Network 2 below is an example to do that.



Network 2:

This is an example network that triggers data traffic once in every second. A CPU clock memory bit can also be used.

