

3.1.12 ProfiNet I/O Interface (PR 5220/06 only)

It is a complete ProfiNet I/O interface (SLAVE). It contains a powerful UDP/IP connecting circuitry with transfer rates of 10 and 100 Mbits/s.



Connection	RJ-45 connecting socket
Transfer rate	10 Mbit/sec and 100 Mbit/sec Autodetection (10/100, HalfDX/FullDX)
Connection mode	Network
Protocol	ProfiNet I/O
Configuration	XML file (,GSDML-xxx-Sartorius-PR5220-xxx.xml' stored on the CD in directory 'Fieldbus')
Certificate	Profibus Nutzerorganisation e.V. for HMS Industrial Networks AB Certificate no.: Z10006 Report: PN005-1, 12.02.2007
Cable	Twisted pairs, screened, e.g. patch cable CAT5 Autolink (straight oder crossover
Cable impedance	150 Ω
Potential isolation	Yes

**Note:** Recommendation for e.g. Siemens S7  
Fieldbus slave setting:  
Use DHCP [on] as default and activate the master as a DHCP server  
(✓ [assign IP Adr via IO controller]).

Slave – master device names



A unique device name must be assigned out of the master. This name is given highest priority when establishing the communication.  
When changing instruments/servicing, please note:  
Apart from the IP address, the device name must correspond to the one of the replacement device. Explicit assignment out of the master is required.

Example:

