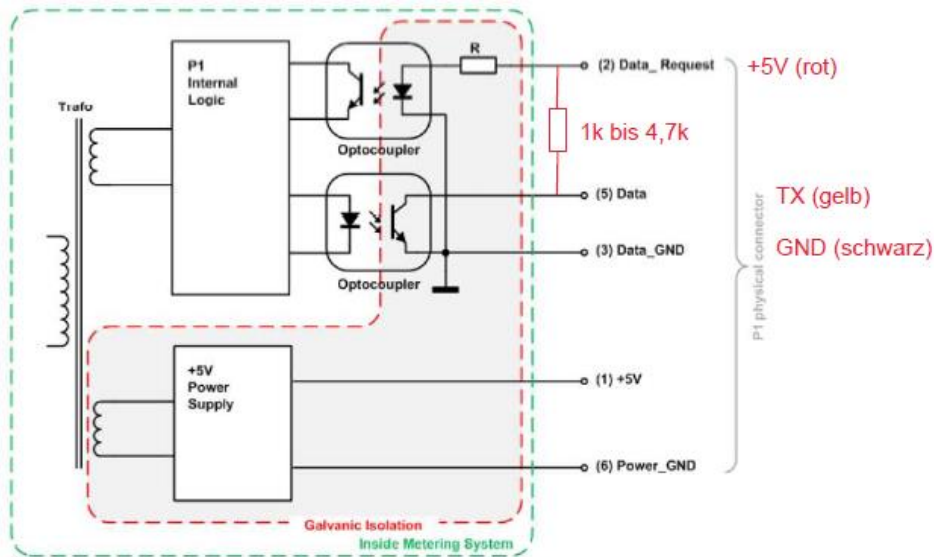


## Techn. Unterlagen Kundenschnittstelle IMx50



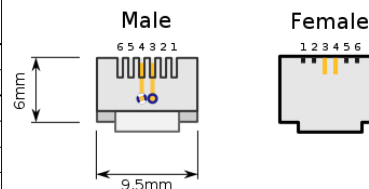
Drawing10.3.2.4 Galvanic isolation from the mains

Also the customer can choose the DSMR P1 V3.0 standard (see chapter 5.5 IM350 meter type designation, described as "P1 interface (passive)"). In this case the meter use the same RJ12 female adapt but there is no +5V power supply output.

Tab 10.3.2.2 Physical connector pin assignment of passive mode according to DSMR P1 V3.0 standard

Pin #	Signal name	Description	Remark
1	n.c	Not connected	
2	Data Request	Data Request	Input
3	Data GND	Data ground	
4	n.c	Not connected	
5	Data	Data line	Output. Open collector
6	n.c	Not connected	

Kundenschnittstelle			USB-Converter	
RJ11	CIP1	Kabelfarbe	Kabelfarbe	TTL-232RG-VSW5V-WE
PIN 1	leer			
PIN 2	Data Request	schwarz	rot	5V
PIN 3	GND	rot	schwarz	GND
PIN 4	leer			PIN 1 zu PIN 5 1k bis 4,7k
PIN 5	Data	gelb	gelb	TX
PIN 6	leer			



Derzeit werden folgende Register 1 mal pro Sekunde ausgegeben:

25.9.0.	Push-Setup - Kundeninformation
96.1.1.	Kunden-Seriennummer
0.9.1.	Uhrzeit
0.9.2.	Datum
1.8.0.	Wirkenergie-Import (+A)
2.8.0.	Wirkenergieexport (-A)
3.8.0.	Blindenergieimport (+R) (QI+QII)
4.8.0.	Blindenergieexport (-R) (QIII+QIV)
1.7.0.	Momentane Wirkenergie Importleistung (+A)
2.7.0.	Momentane Wirkenergie Exportleistung (-A)