

Analog Input; 4 ... 20 mA HART

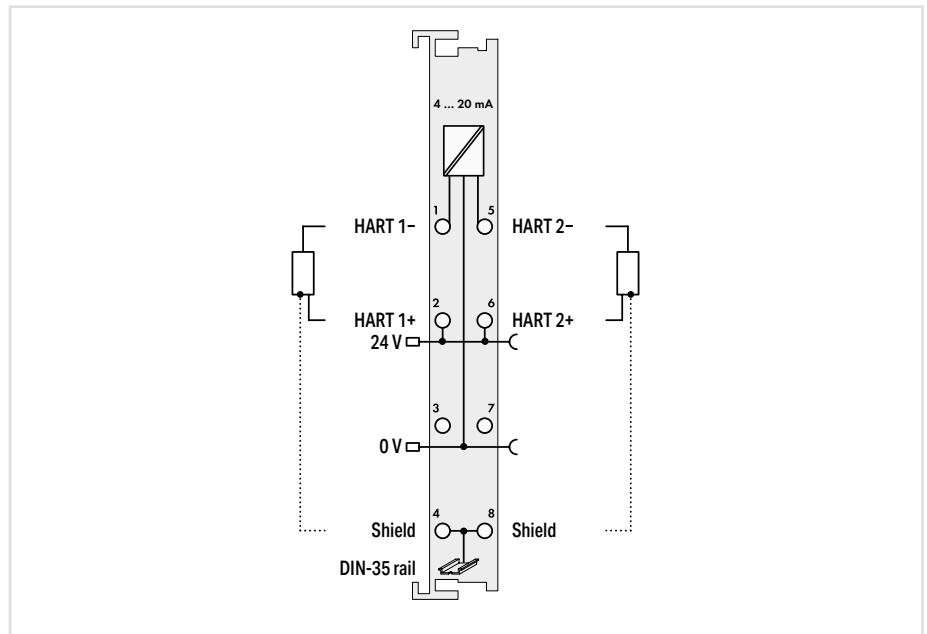
5.4



Figure: 750-482



Figure: 753-482



Item Description	2-Channel Analog Input; 4 ... 20 mA HART			
Version	Standard	Extended temperature	Pluggable (delivery without connector)	Data format (S7 controller)
Item No.	750-482	750-482/025-000	753-482	750-482/000-300
Order Text	2AI; 4-20mA HART	2AI; 4-20mA HART; T	2AI; 4-20mA HART	2AI; 4-20mA HART; S7

Technical Data

Extended functionality	Overload protection		
Pluggable connector			
Customized data format for S7 control			
Number of analog inputs	2		
Signal type	4 ... 20 mA		
Signal characteristic	Single-ended		
Resolution	12 bits		
Conversion time	10 ms		
Measuring error (max.) at 25 °C	±0.1 % of the upper-range value		
Temperature error (max.)	±0.01 % of the upper-range value		
Supply voltage (field)	24 VDC (–25 ... +30 %); via power jumper contacts (power supply via blade contact; transmission via spring contact)		
Current consumption – system supply (5 V)	65 mA		
Data width	2 x 2-byte data; 2 x 2-byte data + 2n x 4-byte data (n = number of dynamic variables); 2 x 2-byte data + 6-byte mailbox		
Configurable functions	4 HART dynamic variables (PV, SV, TV, QV)		
Isolation	500 V (system/field)		
Surrounding air temperature (operation)	0 ... +55 °C	–20 ... +60 °C	0 ... +55 °C
Dimensions W x H x D	12 x 69.8 x 100 mm		
Approvals	CE, IEC, OrdLoc/HazLoc, ATEX/IECEx		
Data sheet and further information, see:	wago.com/750-482	wago.com/753-482	wago.com/750-482/000-300
Accessories	Item No.		
Pluggable connector	753-110		
Coding keys	753-150		

HART devices per channel:
1 device (SingleDrop, no MultiDrop)

For select fieldbus couplers, FDT/DTM device drivers are available that can be used to integrate the I/O module into a higher-level control system.