

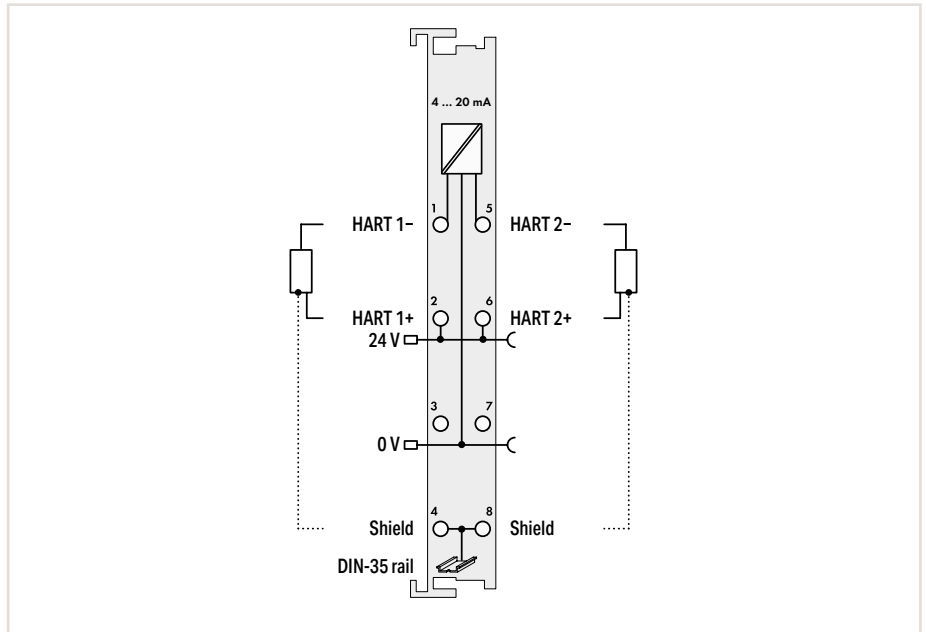
## Analog Input; 4 ... 20 mA HART

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;  OrdLoc/HazLoc;  ATEX/IECEx			
Data sheet and further information, see:		<a href="http://wago.com/750-482">wago.com/750-482</a>	<a href="http://wago.com/753-482">wago.com/753-482</a>	<a href="http://wago.com/750-482/000-300">wago.com/750-482/000-300</a>	
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.