

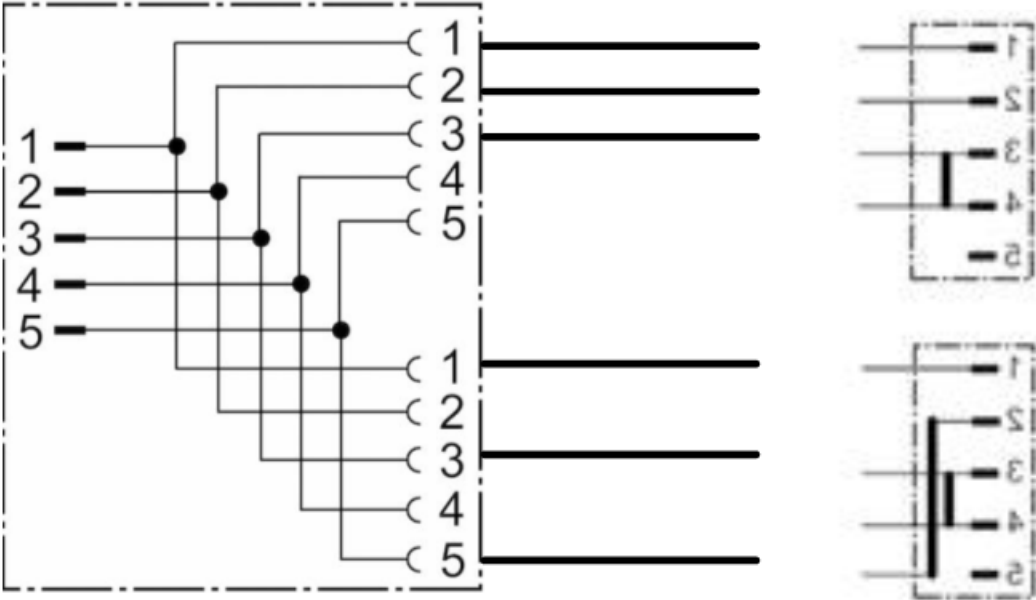
M12x1-Anschluss, 5-polig (A-Kodiert) IO-Link

Tab. 1 Pin assignment, M12 plug connector, 5-pin (only IO-Link version, see 6)

Contact (M12)	Identification	Wire color	Description
1	L ₊	Brown	Supply voltage
2	QA	White	Analog current output 4 ... 20 mA (scalable)
3	M	Blue	Ground, reference ground for current output
4	C/Q ₁	Black	Digital output 1 (switch output) or IO-Link communication
5	Q ₂ /QB	Yellow	Digital output 2 (switch output) or pulse/frequency output/analog output 4 ... 20 mA (scalable)

Pin2: Flow, this is the factory setting

Pin5: Pressure, this is needs to be set manually



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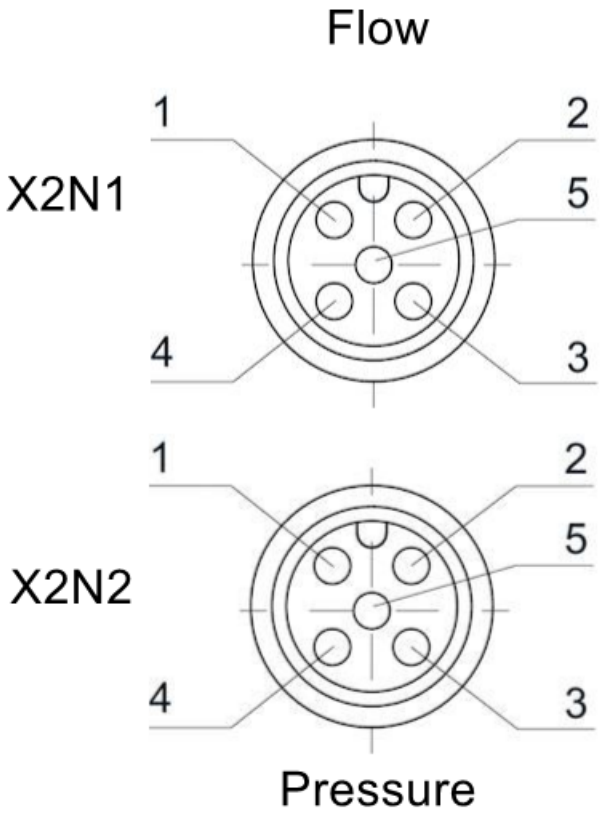
You need to cut off the two female plug

You need to install these two connectors:

In both, PIN3 and PIN4 needs to be bridged this is for making the ground connected to the sensor ground (it is done internally in the AES module, but this is for safety)

In Connector 1 (for flow) the cable coming from AF2 Pin2 has to be connected to the connector Pin2

In Connector 2 (for pressure) the cable coming from AF2 Pin5 has to be connected to the connector Pin2



Pin	Socket (female)X2N1 - X2N2
1	24 V DC
2	Input signal (differential input, positive signal)
3	0 V DC
4	Input signal (differential input, negative signal, or connected externally to 0 V (pin 3))
5	Shield, connected internally with ground screw 2)



IMPORTANT:
While configuring the valve system, the parameter setting for the 2AI2M12 module needs to be set to 4-20 mA pls. see Manual