

<b>Electrical Properties</b>		
Nominal current ***	12,5	A
Nominal power ***	300	W
Nominal voltage ***	24	V
<b>Media</b>		
Maximum CO concentration (anode side) *	100	ppm
Additional tolerable compounds in anode gas *	N <sub>2</sub> , CO <sub>2</sub> , methane	
Air Bleed (anode side) *	0,0-2,0	%
H <sub>2</sub> concentration in anode gas	40 - 100	%
Degree of hydrogen utilization	60 - 85	%
Reformate consumption **	0 - 9	l/min
Maximum pressure drop anode ****	20	mbar
Maximum pressure drop cathode ****	30	mbar
Generated process water at full load ****	180	g/h
<b>Mechanical Properties</b>		
Mass (basic module FC-40)	990	g
Mass (converted to FC-40/HLC)	2500	g
Dimensions (basic module FC-40; l*w*h)	188 x 82 x 41	mm
Dimensions (converted to FC-40/HLC; l*w*h)	ca. 190 x 130 x 70	mm
<b>Interfaces</b>		
Electrical connections	M5 nut	
Maximum torque	2	Nm

\* The values given above are typical values. They may differ depending on the used membrane.

\*\* depends on hydrogen concentration in the reformat and on the degree of hydrogen utilization

\*\*\* depends on the degree of hydrogen utilization and on air bleed

\*\*\*\* may differ by ± 15 %

All data shown above are not guaranteed, but typical values based on tests under ideal conditions. It should be understood that a spread of results can occur due to variations in materials, components, production and test conditions. Schunk reserves the right to change specifications at any time.