# Connector Component Hierarchy

## Connector

*Parameters*

*Signals*

q: double

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## ArtVen

*Parameters*

k: double
p0: double
q0: double

*Signals*

## Diode

*Parameters*

R: double

*Signals*

## Valve

*Parameters*

adaptation_Aopen_fac: double
A_open: double
A_leak: double
I: double
rho_b: double
papillary_muscle: bool
soft_closure: bool

*Signals*

qDot: double