

## min\_max\_3.xbe

### Attributes

```
xbe name=min_max_3 evaluate=yes
# y_min = min(x1,x2,x3)
# y_max = max(x1,x2,x3)
Jacobian: variable
input_vars: x1 x2 x3
output_vars: y_min y_max
aux_vars:
iparms:
sparms:
rparms:
stparms:
igparms:
outparms: x1 x2 x3 y_min y_max
```

### Description

min\_max\_3.xbe is used to get  $y_{\min} = \min(x_1, x_2, x_3)$ ,  $y_{\max} = \max(x_1, x_2, x_3)$ .  
x1, x2, x3, y\_min, y\_max are made available as output variables.