

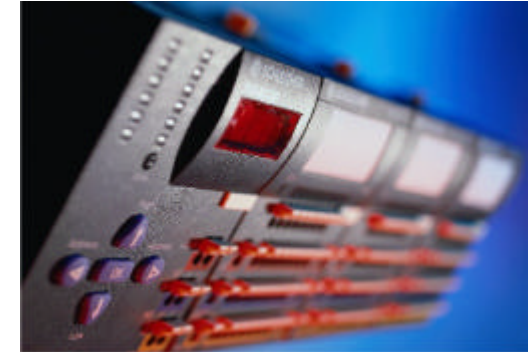
# Product range



**CNC-Systems**



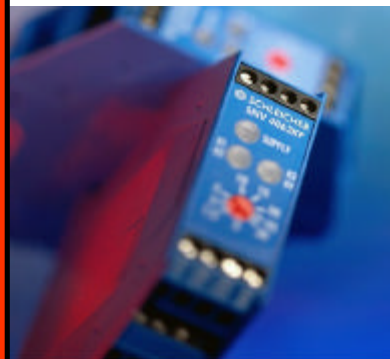
**RIO protected**



**RIO and Mikro PLC**



**Operator panels**



**Safety switching devices**



**Timers**

*tradition of innovation*

# COP – Compact Operator Panel



*COP handy*



*COP HBG*



*COP touch*

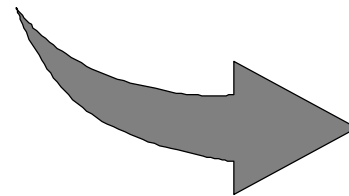


*COP warp*

## COP – specification

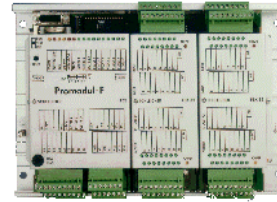
- ✓ Processor: Motorola 68302 Systemclock 24 MHz
- ✓ Display: passive monochrome LC-Display
- ✓ Touchfield (opt.): 6 x 6 touchfields, resistiv
- ✓ Resolution: 256x64 pixel or 1/4 VGA, 320 x 240 pixel
- ✓ Memory: 512 kB Flashmemory (application memory), 2 MB Flashmemory (operatingsystem)
- ✓ Display lifetime: 15000 h (half brightness time)
- ✓ Weight: approx. 1 kg
- ✓ Dimensions: 185 (234\*) x 182 x 80 (H x B x T)  
\*) incl. Knauf
- ✓ Protection of degree: IP54 acc. EN 60529
- ✓ Ambient temperature: 5° to 40° C
- ✓ Tools: wall bracket, cable, programming tool
- ✓ Power supply: 24 VDC, max. 7 W
- ✓ Links: 1 serial RS 232 (for applicationdownload), 1 serial RS 422 (for PLC connection)

# Visualization with PC-Tool *ProDesigner*





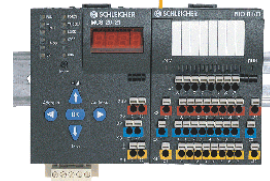
# Connecting to the PLC and fieldbus



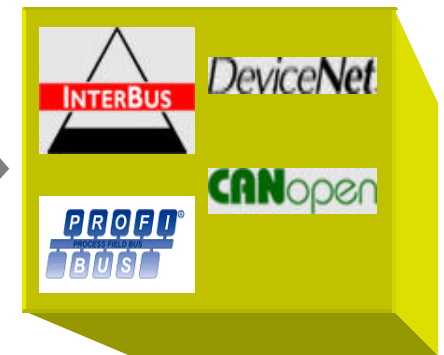
Promodul-F



Promodul-U



MircoLine & RIO



*tradition of innovation*