

## **New logical symbols for process valves**

Following many requests by plant designers and engineers to obtain a list of symbols for process valves we have looked into the host of available norms and printed data concerning this topic and established this document. We found out that although a large number of symbols exist in the various norms they are only particularly suited to the relevant area of application of the norm (e.g. norm for fire safety installations DIN 19 227 part 2, norm for thermal electric stations DIN 2481 and EN ISO 10 628 flow chart for process plant). In some cases different icons are used for one and the same valve type and actuator. For this reason this system of symbols has been developed to particularly meet the requirements of plant engineering and process valve systems and to suit their relevant applications.

## **Versions**

The symbols will also be made available in electronic form in future to support CAD systems . For workshops and sites they will also be available on a shrink-wrapped memo card. The electronic version is expected to be available in summer 2004.

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