



## Application Description

Upgrade of printing unit air valve manifold on KBA® Compacta™ web-fed printing press.



Previous solution

## Challenges

- Resistance to paper dust contamination.
- Time consuming operations while performing maintenance.
- Poor life time

## MAC Solutions

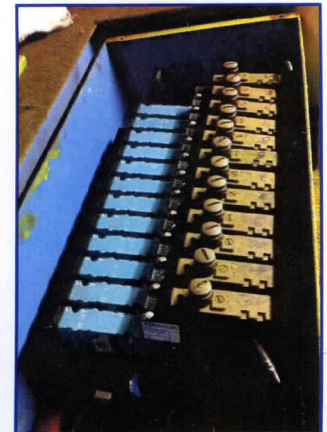
**MAC 400 series**

12x 413A-00A-DM-DDAJ-1KA

Note: please check equipment design to configure appropriate connectors.

## Customer Benefits

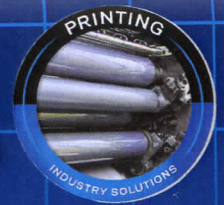
- High resistance to contamination.
- Drop in replacement.
- Reliable alternative to OEM supplied valves that have been a source of downtime.
- Less time spent on maintenance.



## Cost Savings

- Savings realized in increased production, reduced labour cost and fewer replacement parts.
- MDN Associates worldwide are skilled to support you in estimating cost savings you can achieve with this upgrade.





### Technical Data

|                                   |  |
|-----------------------------------|--|
| <b>Fluid:</b>                     | Compressed air, vacuum, inert gases  |
| <b>Pressure range:</b>            | Internal pilot - 2 pos.: 1,3 to 8 bar  |
| <b>Pilot pressure:</b>            | 1,3 to 8 bar   |
| <b>Lubrication:</b>               | Not required, if used select a medium aniline point lubricant (between 80°C and 100°C) |
| <b>Filtration:</b>                | 40µ  |
| <b>Temperature:</b>               | -18°C to 50°C  |
| <b>Flow (at 6 bar, Δ P=1bar):</b> | 1000 NI/min (Cv 1.0)   |
| <b>Coil:</b>                      | Epoxy encapsulated - class A wires - Continuous duty                                   |
| <b>Voltage range:</b>             | -15% to +10% of nominal voltage  |
| <b>Power:</b>                     | 5,4 W  |

### Dimensions

