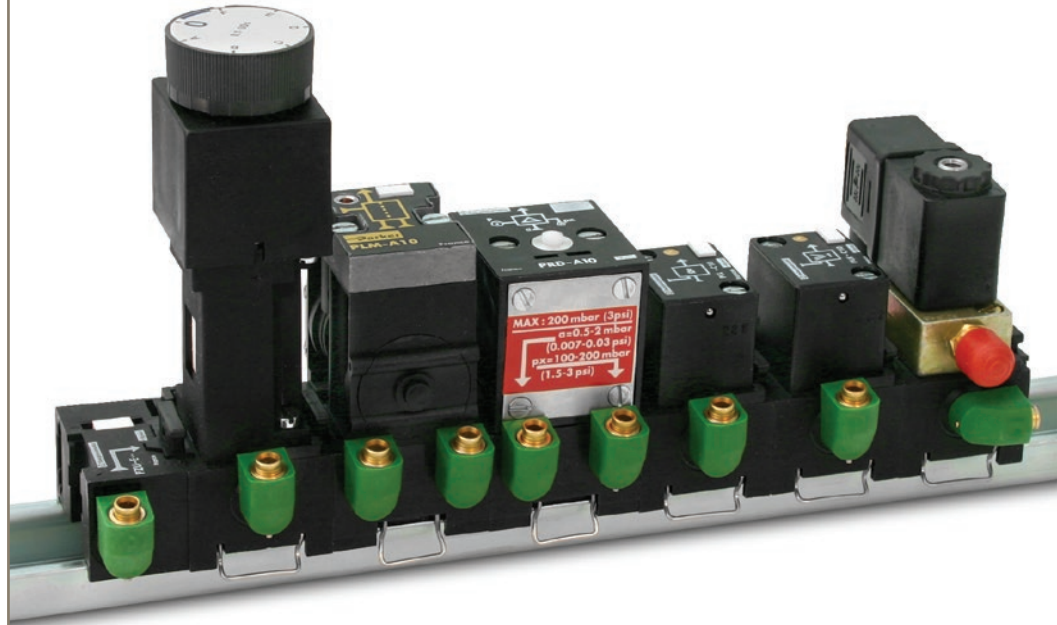
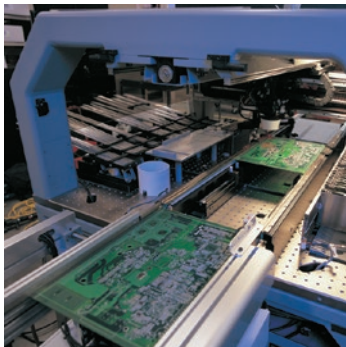


aerospace  
climate control  
electromechanical  
filtration  
fluid & gas handling  
hydraulics  
**pneumatics**  
process control  
sealing & shielding



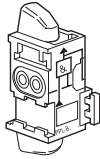

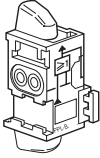

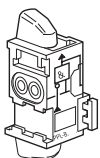

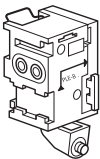

# Logic processing

Catalogue PDE2619TCUK 10/2021




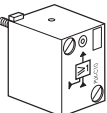

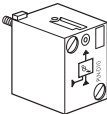

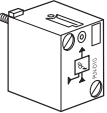

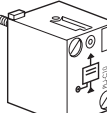
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**Main data for Combinable elements**

Type	Symbol	Logic function	Description	Connection (1)	Weight kg	Order code
		AND	With built-in key for combination and operating mode selection	Ø4mm Swivel push-in	0,08	<b>PLL-B12 *</b>
		OR	With built-in key for combination and operating mode selection	Ø4mm Swivel push-in	0,08	<b>PLK-B12 *</b>
		NOT	With built-in key for combination and operating mode selection	Ø4mm Swivel push-in	0,08	<b>PLN-B12 *</b>
		INPUT	With built-in key for combination, clip for mounting on DIN rail and blanking plate for closing a bank of combined elements	Ø4mm swivel push-in	0,08	<b>PLE-B12</b>

(1) For other type of connections contact Technical Sales Department

**Main data for Sub-base mounted element**

Type	Symbol function	Logic	Description	Weight kg	Order code
		AND	With visual indication of pneumatic output signal	0,03	<b>PLL-C10 *</b>
		OR	With visual indication of pneumatic output signal	0,03	<b>PLK-C10 *</b>
		NOT inhibit standard	With visual indication of pneumatic input/output signal	0,03	<b>PLN-C10 *</b>
		NOT inhibiton	With visual indication of pneumatic input/output signal threshold	0,03	<b>PLN-D10 *</b>
		YES regenerate	With visual indication of pneumatic input/output signal	0,03	<b>PLJ-C10 *</b>

\* ATEX version available Order code example : **PLL-B12-EX**

**Seals for step modules and additional interlock modules**

Type	Base component	Weight kg	Order code
1 set of 10 flat seals	PSM-A12 PSM-B12 PSV-A12 PSB-A12	0,038	<b>PPR-L01</b>

**For logic elements and relays for mounting on modular sub-bases**

Type	Base component	Weight kg	Order code
1 lot of 100 O-ring seals comprising : - 10 seals for ports with inputs filters - 90 seals for ports without input filter	PLJ-C10 PLK-C10 PLL-C10 PLN-C10 PLN-D10 PRT- ■ ■ PRF-A10	0,015	<b>PPR-L04</b>

**For amplifier relays**

Type	Base component	Weight kg	Order code
1 lot of 10 Mylar diaphragms	PRD-A10 PRD-A12	0,004	<b>PPR-L08</b>

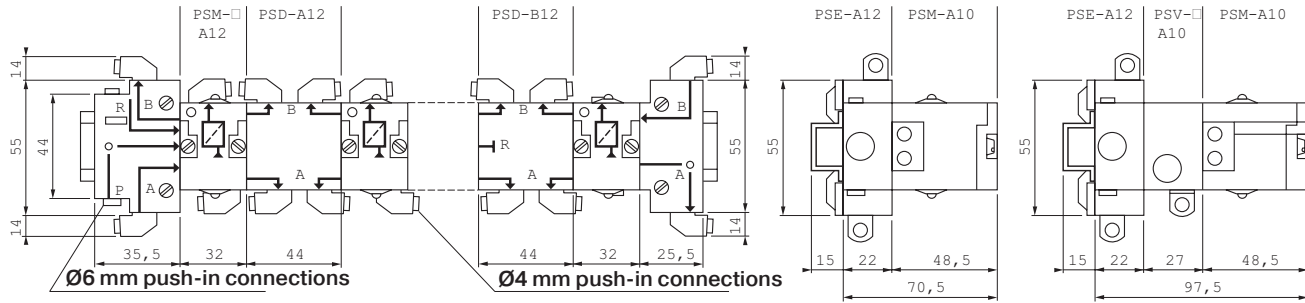
## Base usage - Shows which components can be mounted with which base types

Element	Order code	Type	2-Port	3-Port	4-Port	6-Port
		Stacking		PZU-A12	PZU-B12	PSA-B12
		Stacking		PZU-C12		
<b>Step Module</b>						
Step Module with Overrides	PSM-A10					X
Step Module without Override	PSM-B10					X
<b>Logic</b>						
AND	PLL-C10			X		
OR	PLK-C10			X		
YES	PLJ-C10			X		
NO	PLN-C10			X		
Threshold NOT	PLN-D10			X		
<b>Relays</b>						
Sensor	PRF-A10			X		
Solenoid	PRS-A20		X	X		
Electric Pressure Switch	PRE-A10			X	X	
E/P Pressure Switch	LNOTPS10			X		
Electric Pressure switch	LPS10		X	X		
Vacuum / Electric	LPSV10		X	X		
<b>Timers</b>						
Timer (NNP) Relay	PRT-A10		X*	X		
Timer (NNP) Relay	PRT-B10		X*	X		
Timer (NNP) Relay	PRT-E10		X*	X		
Timer (NNP) Relay	PRT-C10		X*	X		
Timer (NNP) Relay	PRT-D10		X*	X		
Timer (NNP) Relay	PRT-F10		X*	X		
<b>Other Relays</b>						
Memory Relay	PLM-A10			X	X	
Amplifier Relay	PRD-A10			X	X	

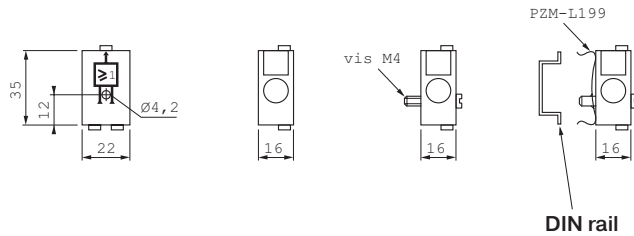
\* Functionality must be checked.

## Dimensions, Logic processing

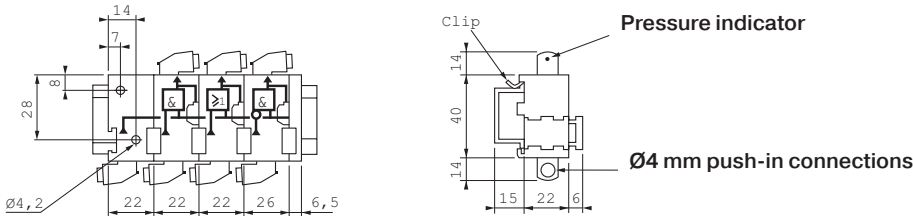
### Modular sequencer



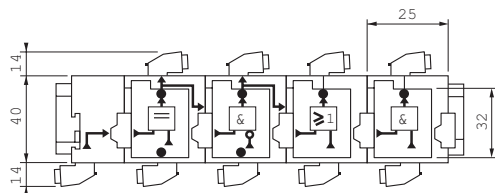
### Line mounted logic elements PLL-A11 and PLK-A11



### Combinable logic elements PLE-B12 – PLL-B12 – PLK-B12 and PLN-B12



### Logic elements mounted on 3-port modular sub-bases PZU-E12



### PLJ-C10 – PLN-C10 – PLK-C10 and PLL-C10 mounted on PZU-C12 and PZU-A12

