

PE converter Type PE-¹/₈-1N

Splashproof design:
Type PE-¹/₈-1N-SW



Accessory:

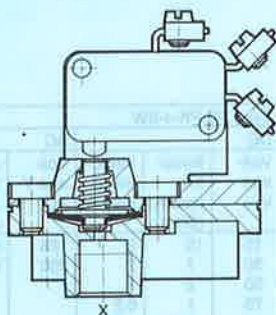
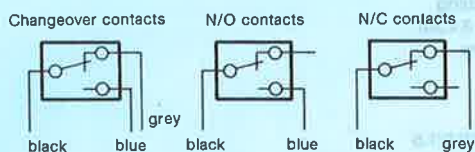
Protective cover Type SPE
Protection against accidentally touching
the open electrical connections of Type
PE-¹/₈-1N.

A pneumatic signal at the pilot port X
pressurises a diaphragm, which in turn
actuates the stem of a microswitch
(changeover switch).

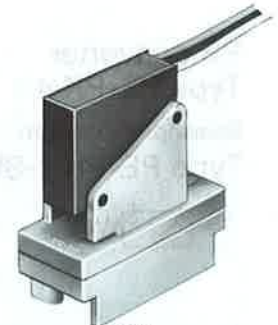
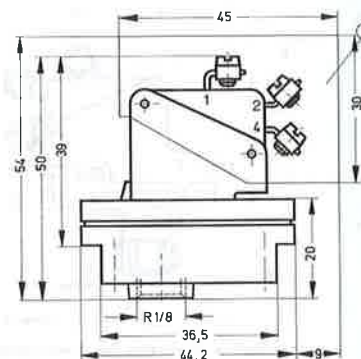
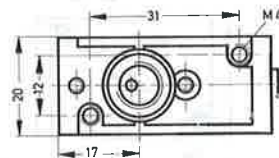
Mounting frame 1n for manifold mount-
ing, see sheet 6.430.

Test certificates for PE-¹/₈-1N: VDE,
SEMKO, ÖVE, SEV, UL, CSA, CEE.

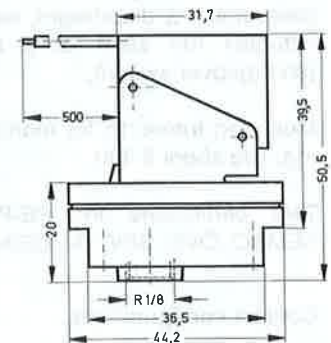
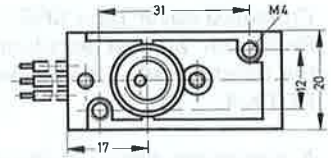
Contact configurations:



Type PE-¹/₈-1N



PE-¹/₈-1N-SW



① Protective cover Type SPE
Accessories for bolt-mounting
Mounting bracket Order code 5658 NRW-9/1,5
Socket head capscrow M 4 x 10 DIN 84
Order code 200 525

Permissible electrical load

Type PE- ¹ / ₈ -1N						Type PE- ¹ / ₈ -1N-SW					
DC			AC			DC			AC		
Voltage V =	Resis- tive load A (Ohm)	Induc- tive load A	Voltage V AC	Resis- tive load A (Ohm)	Induc- tive load A	Voltage V =	Resis- tive load A (Ohm)	Induc- tive load A	Voltage V AC	Resis- tive load A (Ohm)	Induc- tive load A
12	6	6	250	6	2	15	10	2	125	5	5
24	6	6				30	7	2	250	5	5
60	1	0.5				50	2	1			
110	0.5	0.2				75	1	0.5			
220	0.25	0.1				125	0.5	0.4			
						250	0.25	0.2			

Order code	Part No./Type	6217 PE- ¹ / ₈ -1N	6484 PE- ¹ / ₈ -1N-SW	6210 SPE
Medium		Compressed air, filtered (lubricated or unlubricated)		
Design		Pneumatically-actuated electrical microswitch		
Mounting		On mounting frame 1n		
Connection	pneumatic	G ¹ / ₈		
	electrical	Screw connectors		
Pressure range		0 to 8 bar		
Switch-on pressure		≤ 2 bar		
Switch-off pressure		≥ 0.5 bar		
Switching capacity		See table		
Degree of protection to DIN 40050		IP 00	IP 65	IP 20
Temperature range		0 to + 60 °C		
Materials		Housing: die-cast aluminium, polyamide; diaphragm: polyurethane		
Weight		0.035 kg	0.050 kg	0.012 kg