

4. Technical data

4.1 Operating parameters

BEKOMAT®	12	12 CO	12 CO PN63
Min. / max. operating pressure	0.8 ... 16 bar(g) 12 ... 230 psi(g)		1.2 ... 63 bar(g) 18 ... 913 psi(g)
Min. / max. operating temperature	+1 ... +60 °C +34 ... +140 °F		
Min. / max. ambient temperature	+1 ... +60 °C +34 ... +140 °F		
Min. / max. ambient air humidity	10 ... 80 %, non-condensing		
Condensate inlet	G1/2 (internal thread) 1/2" NPT (internal thread)		
Condensate discharge	G3/8 (internal thread)		
Media	Condensate, oil-contaminated	Condensate, oil-contaminated + oil-free	
Empty weight	0.8 kg 1.8 lbs		0.9 kg 2.0 lbs
Operating voltage	230 / 115 / ... / 24 VAC ± 10%, 50 ... 60 Hz / 24 VDC ± 10% See type plate		
Power consumption	P < 8.0 VA (W)		
Fuse protection	recommended for AC: 1 A (time-lag) prescribed for DC: 1 A (time-lag)		
Recommended cable diameter	5.8 ... 8.5 mm 0.23 ... 0.34 inch		
Recommended wire cross-section (voltage supply)	3 x 0.75 ... 1.5 mm ² AWG 16 ... 18		
Recommended shortening of the cable jacket	PE= ~ 60 mm ~ 2.3 inch L N= ~ 50 mm ~ 1.96 inch	PE= ~ 60 mm ~ 2.3 inch L N= ~ 50 mm ~ 1.96 inch	PE= ~ 60 mm ~ 2.3 inch L N= ~ 50 mm ~ 1.96 inch
Recommended stripping length of the cable wires	~ 6 mm ~ 0.24 inch		
Connection data potential-free contact for switching load	AC: max. 250 V / 1A DC: max. 30 V / 1A		
Degree of protection	IP65 / NEMA 13		
Overvoltage category	II		
Degree of pollution	3		