



AP - Double acting

Rack and pinion - Operating angle: 90° - Anodized aluminum body -
 Epoxy coated aluminium caps - Temperature range: -20°C / +80°C - Max. pressure: 10 bar -
 Solenoid pilot valve connection according to NAMUR VDI/VDE 3845 -
 Air supply connection 1/8" (from AP 32 to 50), 1/4" (from AP63 to AP200), 1/2" (AP270) -
 Valve connection according to ISO 5211 and DN 3337 - Position indicator - Adjustable double stop -
 ATEX EEx II 2 G/D c - Max. temperature: 95°C for areas 1, 2, 21 and 22.



Type	Max. torque value for		ISO	⊗	code
	6 bar air supply (Nm)				
AP 42	13,0		F3/F5	11	017004
AP 50	18,5		F3/F5	11	017006
AP 63	33,0		F5	14	017007
AP 75	70,2		F5/F7	17	017008
AP 85	106,9		F5/F7	17	017009
AP 100	166,4		F7/F10	17	017010
AP 115	274,5		F7/F10	22	017011
AP 125	361,1		F7/F10	22	017012
AP 145	520,2		F10/F12	27	017013
AP 160	710,1		F12	27	017014
AP 180	958,0		F14	36	017015
AP 200	1333,0		F14	36	017016
AP 240	2253,0		F14/F16	36	017018
AP 270	3235,0		F16	46	017017

APS - Spring return



Type	Max. torque value (Nm)		ISO	⊗	code
	Pressure opening	Spring closing			
APS 42	8,1	4,1	F3/F5	11	017104
APS 50	11,5	7,0	F3/F5	11	017106
APS 63	18,5	12,5	F5	14	017107
APS 75	45,1	25,3	F5/F7	17	017108
APS 85	69,1	37,8	F5/F7	17	017109
APS 100	106,4	60,0	F7/F10	17	017110
APS 115	168,5	106,0	F7/F10	22	017111
APS 125	233,6	127,5	F7/F10	22	017112
APS 145	316,0	184,0	F10/F12	27	017113
APS 160	444,8	265,3	F12	27	017114
APS 180	576,0	382,0	F14	36	017115
APS 200	847,0	484,0	F14	36	017116

Limit switch boxes



460 - Universal SP limit switch box IP65

Compact box - Anti-UV polycarbonate cover with direct visualization - Universal & adjustable bracket for NAMUR 1, 2 & 3 - Gland packing M20 1,5 - Temperature range: -15°C / +80°C.

Switches	code
2 mechanical silver plated switches SPDT 5A - 250V	0460012N
2 inductive detectors 3 cables PNP10 - 30V DC P + F NBB2 V3 E2	0460014N



461 - Aluminium SB limit switch box IP67

Aluminium body - Anti-UV polycarbonate cover - Adjustable 3D position indicator - Without gland pack and bracket - Temperature range: -20°C / +80°C.

Switches	code
2 mechanical silver plated switches SPDT 5A - 250V	0461012
2 inductive detectors 3 cables PNP10 - 30V DC P + F NBB2 V3 E2	0461732
2 pneumatic switches 2 - 8 bar for dry air 0°C / +80°C	0461822

500 - Stainless steel mounting set for SB limit switch boxes

Includes SS bracket VDI / VDE 3845; gland pack & cap.



Ref.	AP type	code
Namur 0 set	AP32	050210
Namur 1 set	AP42 to AP100	050072
Namur 2 set	-	050061
Namur 3 set	AP115 to AP145	050073
Namur 4 set	AP160 to AP270	050081

SIL certification according to IEC 61508 and SX with P+F detector.



474 - SIB limit switch box IP67 Eex

EEx certification for complete box & switches - Aluminium box - Anti-UV polycarbonate cover - Adjustable 3D position indicator - Gland pack, bracket and 1/2" NPT cap - Temperature range: -20°C / +80°C.



Switches	code
2 x NAMUR P + F NJ2 V3N / N - NO / Ex II2 G/D Eex ia II C T6	04747022



470 - SX limit switch box IP67 Eex

Ex II2 D/G Eex d II B T5/T6 protection - Water-proof aluminium cast coated body and cover - 3D position indicator - Without gland pack, bracket and 1/2" NPT cap - Temperature range: -20°C / +80°C.



Switches	code
2 mechanical silver plated switches SPDT 5A - 250V	0470012

615 - Stainless steel bracket VDI/VDE 3845 for SIB and SX limit switch boxes



Ref.	AP type	code
Bracket Namur 1	AP42 to AP100	061659N
Bracket Namur 2	-	061615N
Bracket Namur 3	AP115 to AP145	061660N
Bracket Namur 4	AP160 to AP270	061662N

980 - Aluminium Atex fittings



	code
Gland pack Atex 1/2" NPT	980176
Cap Atex 1/2" NPT	980178

Solenoid pilot valves



Namur

4210 - Monostable IP 65 LUCIFER 341 3/2 - 5/2

Connection 1/4" inlet and 1/8" outlet.



Voltage	code	Voltage	code
230V AC	042100	12V DC	042104
24V AC	042101	24V DC	042105
48V AC	042102	48V DC	042106
110V AC	042103	110V DC	042107

4230 - Monostable LUCIFER 341 3/2 - 5/2 - ATEX EEx II 2 G/D IP6X

EEx me II T4 for areas 1, 2, 21 and 22 - Max. temperature: 130°C - Connection 1/4" inlet and 1/8" outlet.



Voltage	code	Voltage	code
230V AC	042300	24V DC	042302
24V AC	042301		



4240 - Monostable LUCIFER 341 3/2 - 5/2 - ATEX EEx II 1 G/D

EEx ia II C T6 for areas 0 and 20 - Connection 1/4" inlet and 1/8" outlet.



Voltage	code
24V DC	042402



4250 - Monostable LUCIFER 341 3/2 - 5/2 - ATEX EEx II 1 G/D

EEx md II C T4 for areas 1, 2, 21 & 22 - Connection 1/4" inlet and 1/8" outlet.



Voltage	code	Voltage	code
230V AC	042500	24V DC	042502
24V AC	042501		



Silencer

DN	code
1/8"	41192
1/4"	41193
3/8"	41198
3/4"	41194

Position detectors



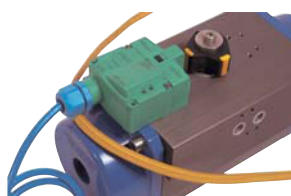
Inductive position detector IFM

Dual detector IP 67 - 25°C to 80°C - With overmoulded wire.

code
121133

Dual detector - With connection M18.

code
121134



Inductive position detector P + F

Dual detector IP 68 - 25°C to 80°C - With gland pack - 10 to 30V DC - 2 PNP inlets & solenoid pilot valve outlet.

code
122133

Gear boxes: on request

