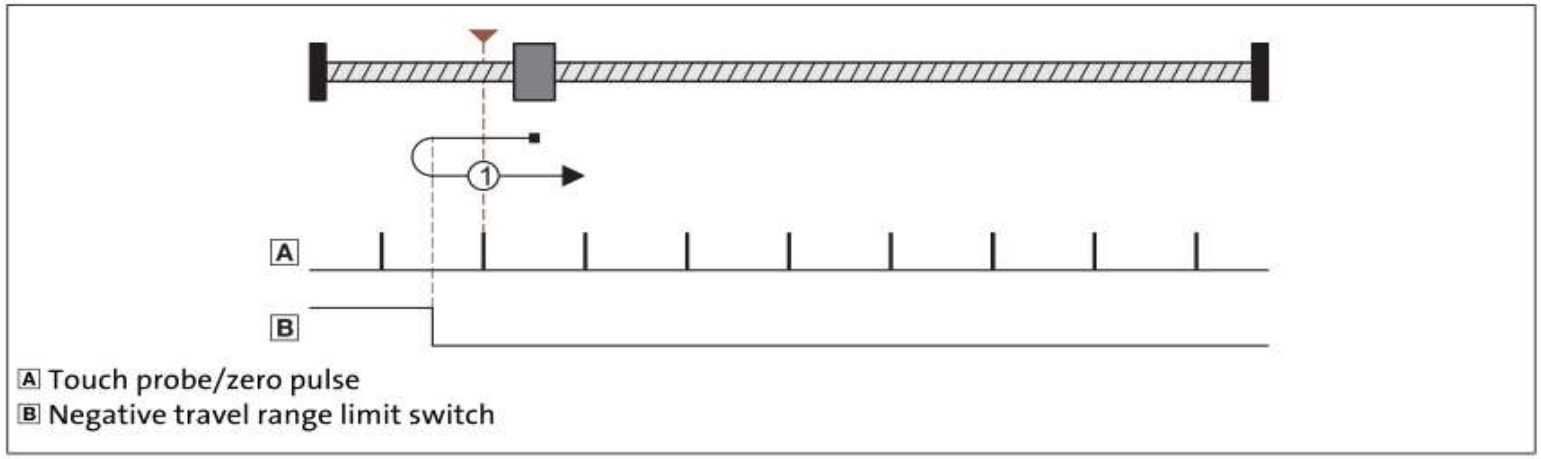
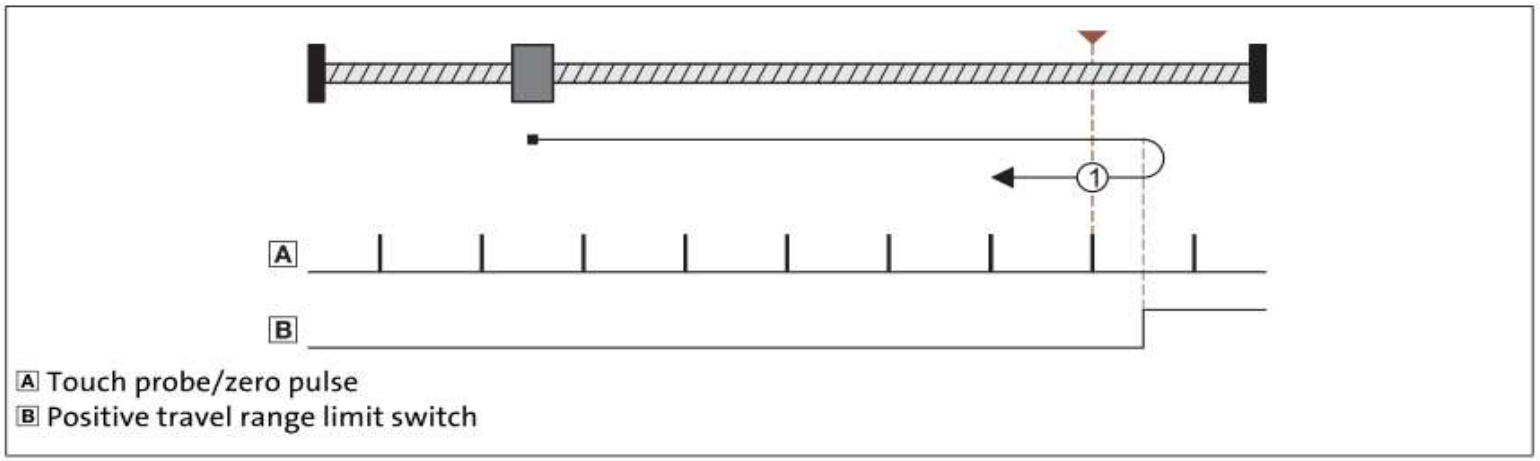
Mode 1001: DS402 homing method 01



A Touch probe/zero pulse
B Negative travel range limit switch

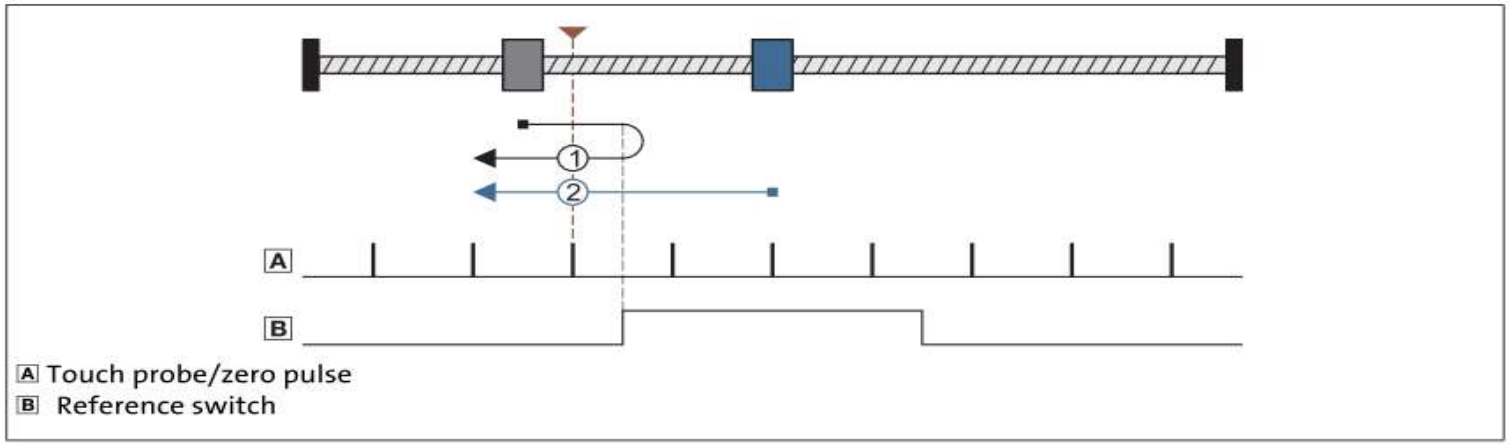
Mode 1002: DS402 homing method 02



A Touch probe/zero pulse
B Positive travel range limit switch

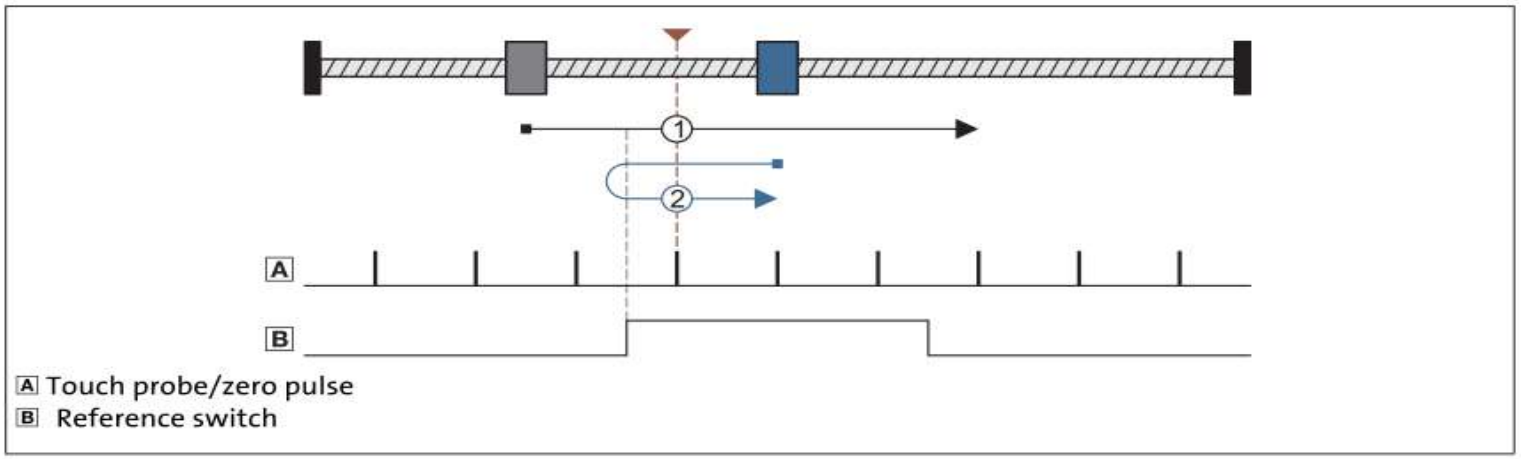
	Home switch	Positive switch	Negative switch	Zero pulse	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)		
Case 1:					
Starting position	Low	inactive	inactive	inactive	Motor is spinning CW at hm02 speed
Step 1:	goes High	inactive	inactive	inactive	Motor starts spinning CCW at hm03 speed
Step 2:	goes Low	inactive	inactive	inactive	Motor continues spinning CCW at hm03 speed; system looking for zero pulse signal
Step 3:	Low	inactive	inactive	goes High	Motor stops spinning; target reached
Case 2:					
Starting position	High	inactive	inactive	inactive	Motor is spinning CCW at hm03 speed
Step 1:	goes Low	inactive	inactive	inactive	Motor continues spinning CCW at hm03 speed; system looking for zero pulse signal
Step 2:	Low	inactive	inactive	goes High	Motor stops spinning; target reached

Mode 1003: DS402 homing method 03



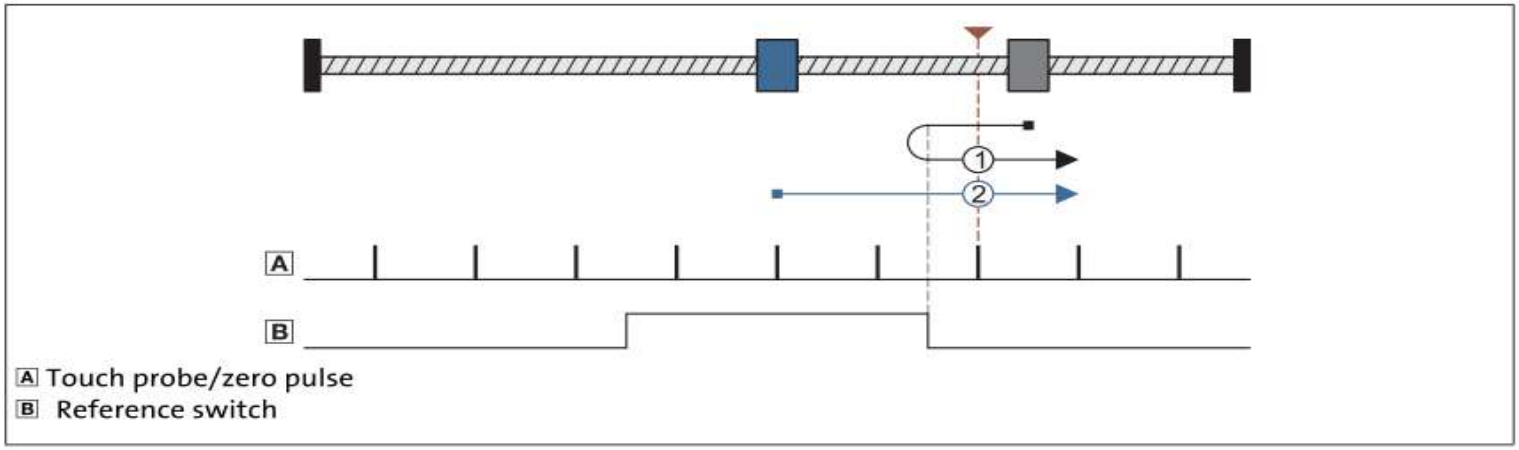
	Home switch	Positive switch	Negative switch	Zero pulse	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)		
Case 1:					
Starting position	Low	inactive	inactive	inactive	Motor is spinning CW at hm03 speed
Step 1:	goes High	inactive	inactive	inactive	Motor continues to spin CW at hm03 speed; system looking for zero pulse signal
Step 2:	High	inactive	inactive	goes High	Motor stops spinning; target reached
Case 2:					
Starting position	High	inactive	inactive	inactive	Motor is spinning CCW at hm02 speed
Step 1:	Goes Low	inactive	inactive	inactive	Motor starts spinning CW at hm03 speed
Step 2:	Goes High	inactive	inactive	inactive	Motor continues to spin CW at hm03 speed; system looking for zero pulse signal
Step 3:	High	inactive	inactive	goes High	Motor stops spinning; target reached

Mode 1004: DS402 homing method 04



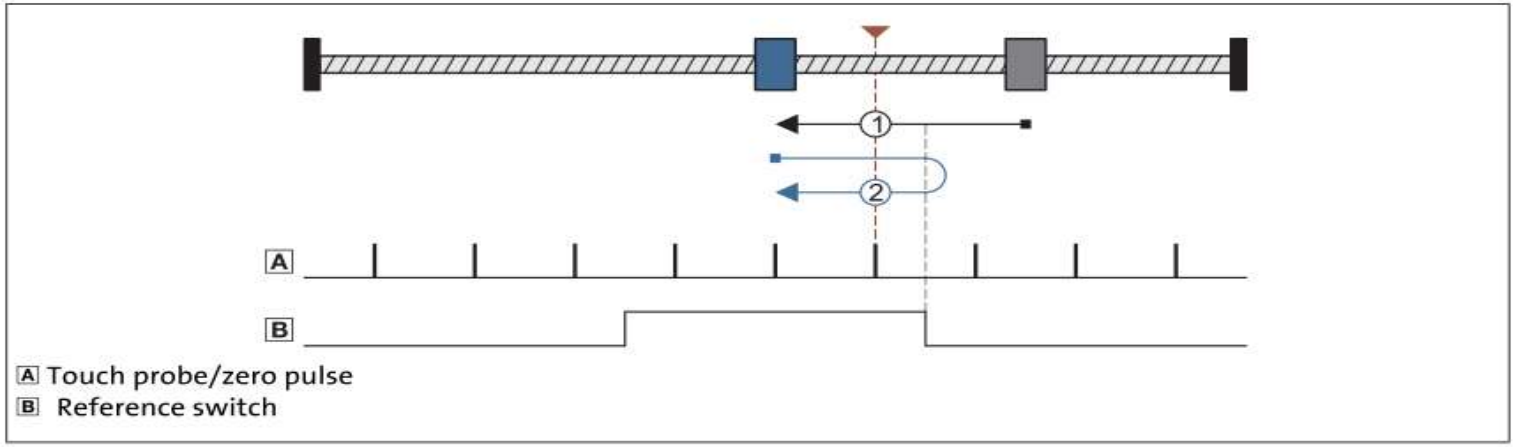
	Home switch	Positive switch	Negative switch	zero pulse	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)		
Case 1:					
Starting position	Low	inactive	inactive	inactive	Motor is spinning CCW at hm02 speed
Step 1:	Goes High	inactive	inactive	inactive	Motor starts spinning CW at hm03 speed
Step 2:	Goes Low	inactive	inactive	inactive	Motor continues spinning CW at hm03 speed; system looking for zero pulse signal
Step 3:	Low	inactive	inactive	goes High	Motor stops spinning; target reached
Case 2:					
Starting position	High	inactive	inactive	inactive	Motor is spinning CW at hm03 speed
Step 1:	Goes Low	inactive	inactive	inactive	Motor continues spinning CW at hm03 speed; system looking for zero pulse signal
Step 2:	Low	inactive	inactive	goes High	Motor stops spinning; target reached

Mode 1005: DS402 homing method 05



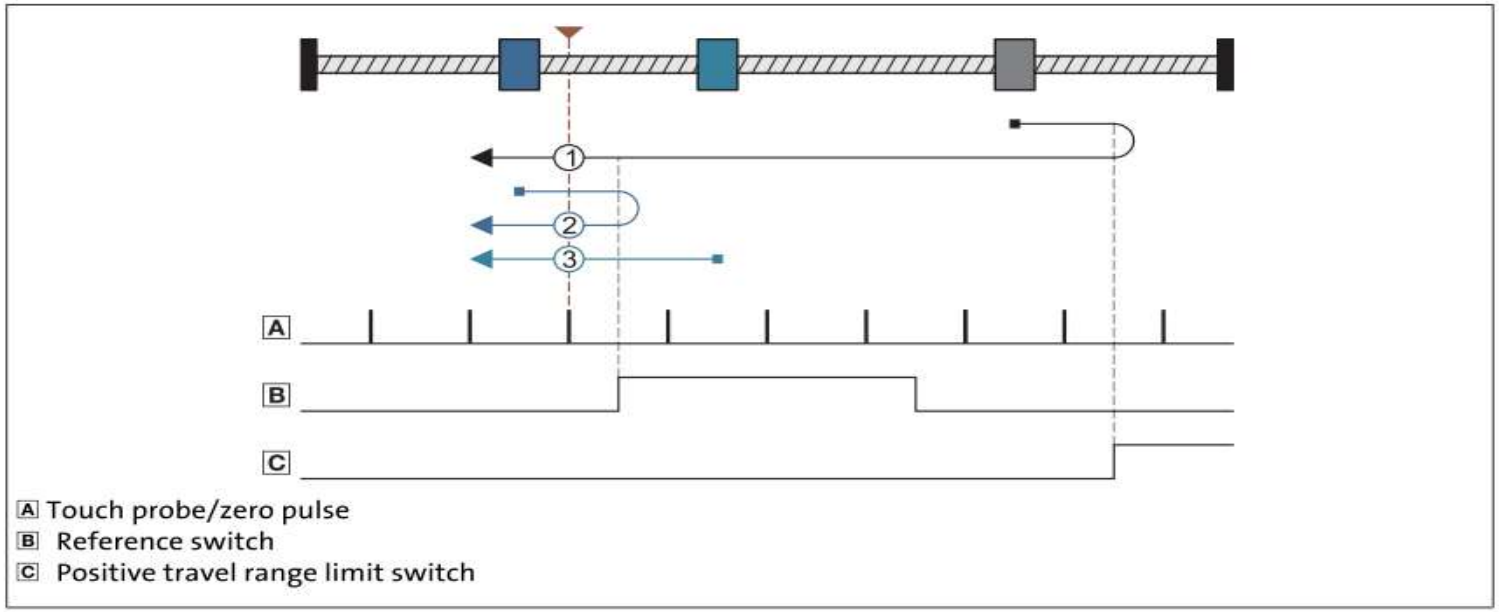
	Home switch	Positive switch	Negative switch	zero pulse	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)		
Case 1:					
Starting position	Low	inactive	inactive	inactive	Motor is spinning CCW at hm03 speed
Step 1:	goes High	inactive	inactive	inactive	Motor conitnues to spin CCW at hm03 speed; system looking for zero pulse signal
Step 2:	High	inactive	inactive	goes High	Motor stops spinning; target reached
Case 2:					
Starting position	High	inactive	inactive	inactive	Motor is spinning CW at hm02 speed
Step 1:	goes Low	inactive	inactive	inactive	Motor starts spinning CCW at hm03 speed
Step 2:	goes High	inactive	inactive	inactive	Motor conitnues to spin CCW at hm03 speed; system looking for zero pulse signal
Step 3:	High	inactive	inactive	goes High	Motor stops spinning; target reached

Mode 1006: DS402 homing method 06



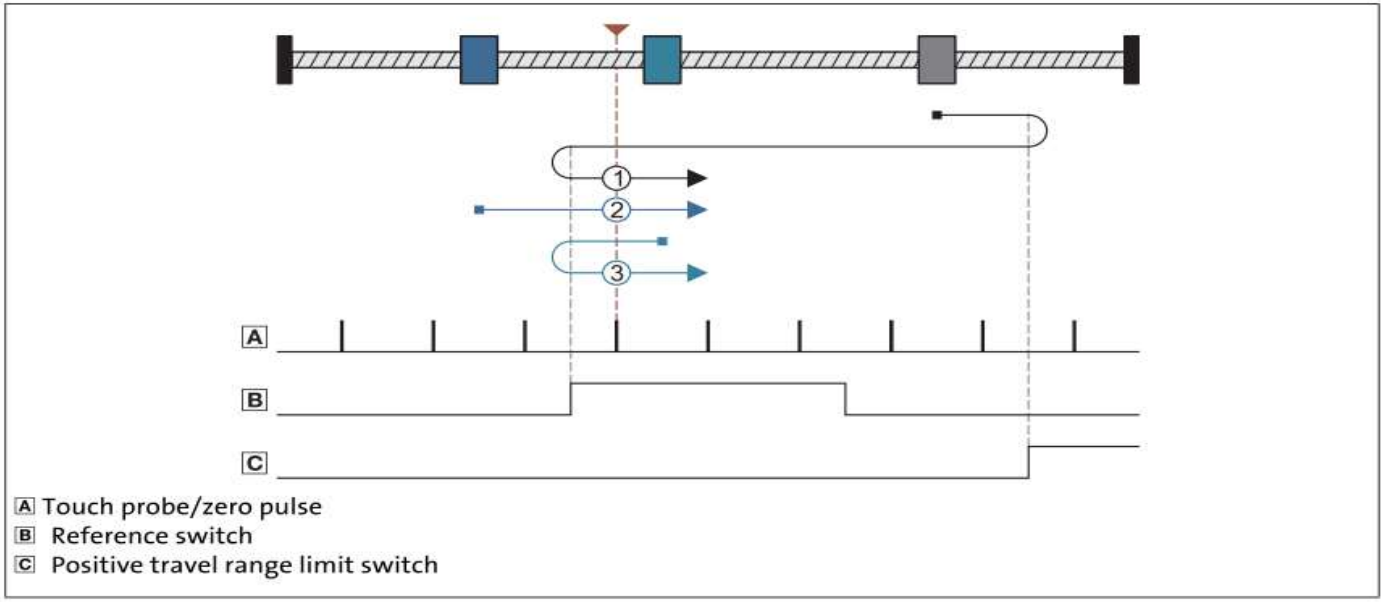
	Home switch	Positive switch	Negative switch	zero pulse	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)		
Case 1:					
Starting position	Low	High	inactive	inactive	Motor is spinning CW at hm02 speed
Step 1:	Low	goes Low	inactive	inactive	Motor starts spinning CCW at hm02 speed
Step 2:	Low	goes High	inactive	inactive	Motor continues to spin CCW at hm02 speed
Step 3:	goes High	High	inactive	inactive	Motor starts spinning CCW at hm03 speed
Step 4:	goes Low	High	inactive	inactive	Motor continues to spin CCW at hm03 speed; system looking for zero pulse signal
Step 5:	Low	High	inactive	goes High	Motor stops spinning; target reached
Case 2:					
Starting position	Low	High	inactive	inactive	Motor is spinning CW at hm02 speed
Step 1:	Goes High	High	inactive	inactive	Motor starts spinning CCW at hm03 speed
Step 2:	Goes Low	High	inactive	inactive	Motor continues to spin CCW at hm03 speed; system looking for zero pulse signal
Step 3:	Low	High	inactive	goes High	Motor stops spinning; target reached
Case 3:					
Starting position	High	High	inactive	inactive	Motor starts spinning CCW at hm03 speed
Step 1:	Goes Low	High	inactive	inactive	Motor continues to spin CCW at hm03 speed; system looking for zero pulse signal
Step 2:	Low	High	inactive	goes High	Motor stops spinning; target reached

Mode 1007: DS402 homing method 07



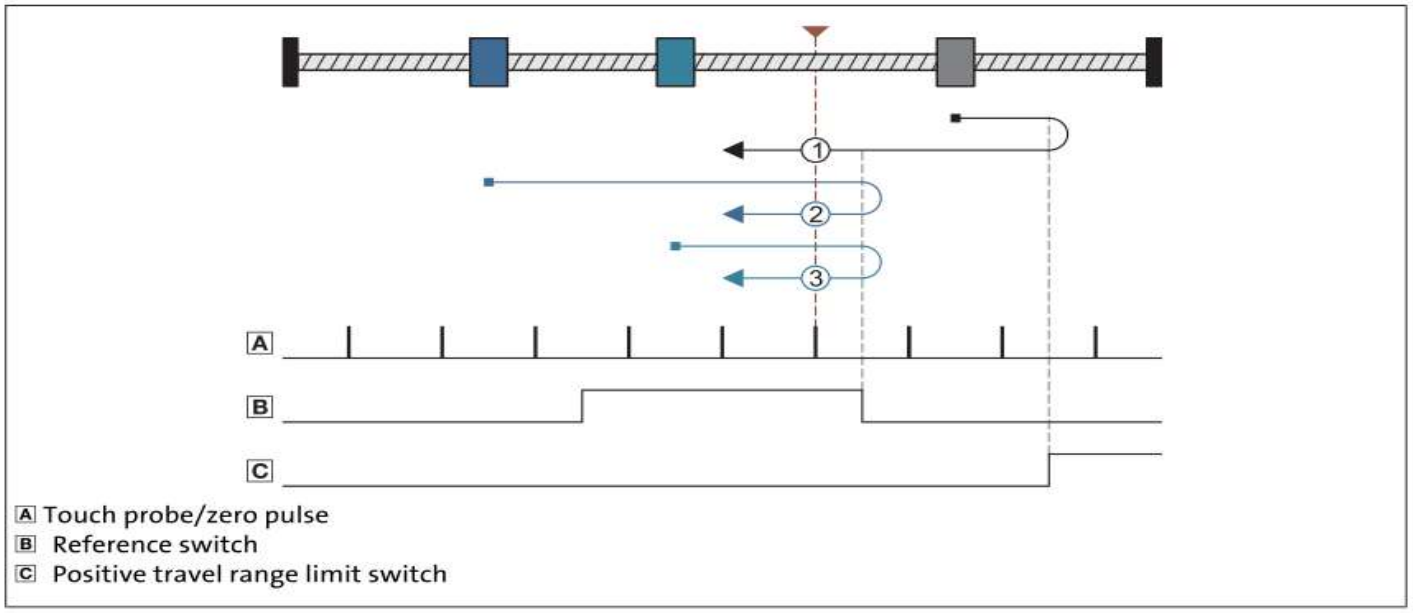
	Home switch	Positive switch	Negative switch	zero pulse	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)		
Case 1:					
Starting position	Low	High	inactive	inactive	Motor is spinning CW at hm03 speed
Step 1:	Low	goes Low	inactive	inactive	Motor starts spinning CCW at hm02 speed
Step 2:	Low	goes High	inactive	inactive	Motor continues to spin CCW at hm02 speed
Step 3:	goes High	High	inactive	inactive	Motor continues to spin CCW at hm02 speed
Step 4:	Goes Low	High	inactive	inactive	Motor starts spinning CW at hm03 speed
Step 5:	Goes High	High	inactive	inactive	Motor continues to spin CW at hm03 speed; system looking for zero pulse signal
Step 6:	High	High	inactive	goes High	Motor stops spinning; target reached
Case 2:					
Starting position	Low	High	inactive	inactive	Motor is spinning CW at hm03 speed
Step 1:	Goes High	High	inactive	inactive	Motor continues to spin CW at hm03 speed; system looking for zero pulse signal
Step 2:	High	High	inactive	goes High	Motor stops spinning; target reached
Case 3:					
Starting position	High	Low	inactive	inactive	Motor is spinning CCW at hm02 speed
Step 1:	HIgh	goes High	inactive	inactive	Motor continues to spin CCW at hm02 speed
Step 2:	Goes Low	High	inactive	inactive	Motor starts spinning CW at hm03 speed
Step 3:	Goes High	High	inactive	inactive	Motor continues to spin CW at hm03 speed; system looking for zero pulse signal
Step 4:	High	High	inactive	goes High	Motor stops spinning; target reached

Mode 1008: DS402 homing method 08



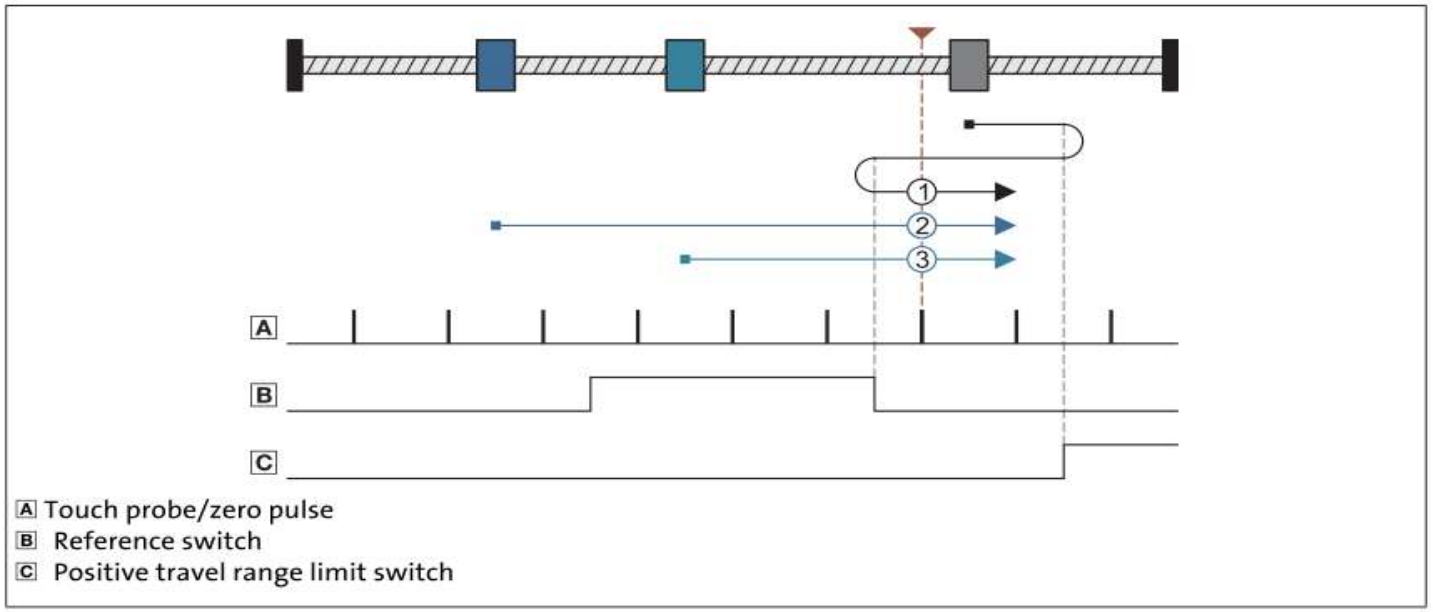
	Home switch	Positive switch	Negative switch	zero pulse	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)		
Case 1:					
Starting position	Low	High	inactive	inactive	Motor is spinning CW at hm02 speed
Step 1:	Low	Goes Low	inactive	inactive	Motor starts spinning CCW at hm03 speed
Step 2:	Low	Goes HIgh	inactive	inactive	Motor continues to spin CCW at hm03 speed
Step 3:	Goes High	High	inactive	inactive	Motor contines to spin CCW at hm03 speed; system looking for zero pulse signal
Step 4:	High	High	inactive	goes High	Motor stops spinning; target reached
Case 2:					
Starting position	Low	High	inactive	inactive	Motor is spinning CW at hm02 speed
Step 1:	Goes High	High	inactive	inactive	Motor continues to spin CW at hm02 speed
Step 2:	Goes Low	High	inactive	inactive	Motor continues to spin CCW at hm03 speed
Step 3:	Goes High	High	inactive	inactive	Motor contines to spin CCW at hm03 speed; system looking for zero pulse signal
Step 4:	High	High	inactive	goes High	Motor stops spinning; target reached
Case 3:					
Starting position	High	High	inactive	inactive	Motor is spinning CW at hm02 speed
Step 1:	Goes Low	High	inactive	inactive	Motor continues to spin CCW at hm03 speed
Step 2:	Goes High	High	inactive	inactive	Motor contines to spin CCW at hm03 speed; system looking for zero pulse signal
Step 3:	High	High	inactive	goes High	Motor stops spinning; target reached

Mode 1009: DS402 homing method 09



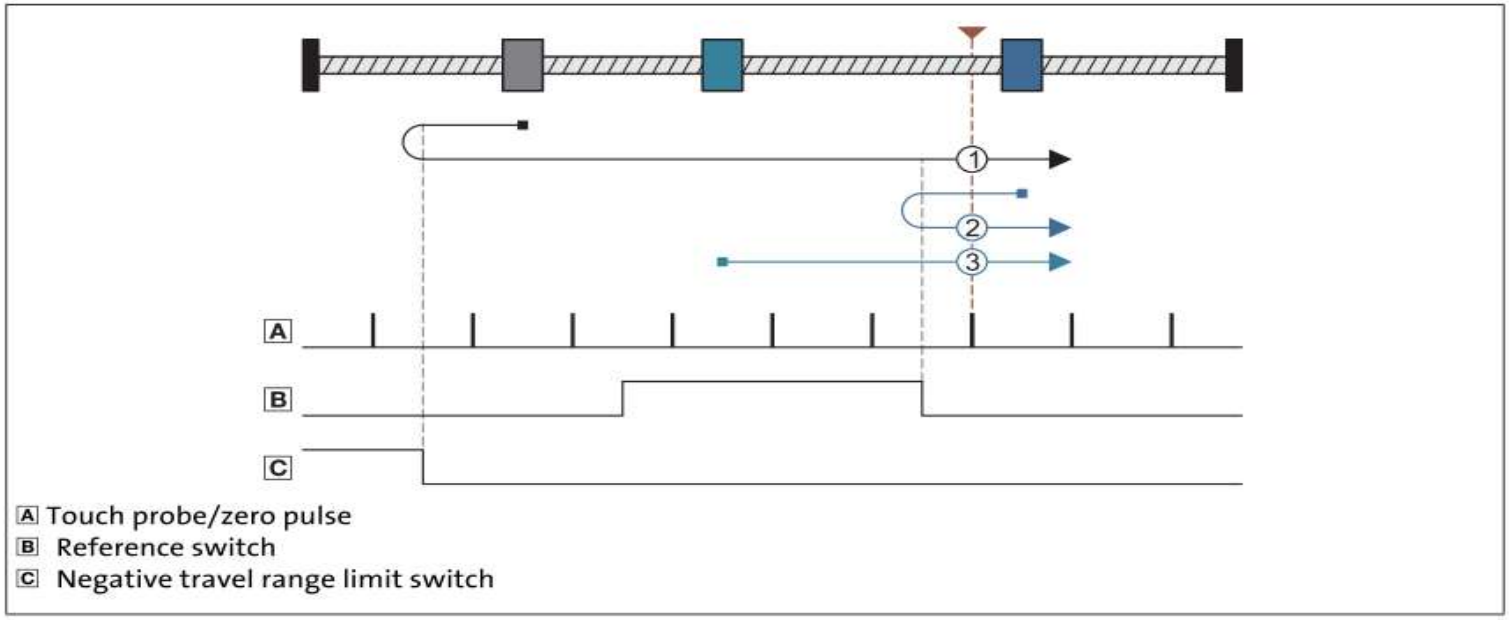
	Home switch	Positive switch	Negative switch	zero pulse	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)		
Case 1:					
Starting position	Low	High	inactive	inactive	Motor is spinning CW at hm02 speed
Step 1:	Low	goes Low	inactive	inactive	Motor starts spinning CCW at hm02 speed
Step 2:	Low	goes High	inactive	inactive	Motor continues to spin CCW at hm02 speed
Step 3:	goes High	High	inactive	inactive	Motor starts spinning CW at hm03 speed
Step 4:	goes Low	High	inactive	inactive	Motor continues to spin CW at hm03; system looking for zero pulse signal
Step 5:	Low	High	inactive	goes High	Motor stops spinning; target reached
Case 2:					
Starting position	Low	High	inactive	inactive	Motor is spinning CW at hm02 speed
Step 1:	goes High	High	inactive	inactive	Motor starts spinning CW at hm03 speed
Step 2:	goes Low	High	inactive	inactive	Motor continues to spin CW at hm03; system looking for zero pulse signal
Step 3:	Low	High	inactive	goes High	Motor stops spinning; target reached
Case 3:					
Starting position	High	High	inactive	inactive	Motor is spinning CW at hm03 speed
Step 1:	goes Low	High	inactive	inactive	Motor continues to spin CW at hm03; system looking for zero pulse signal
Step 2:	Low	High	inactive	goes High	Motor stops spinning; target reached

Mode 1010: DS402 homing method 10



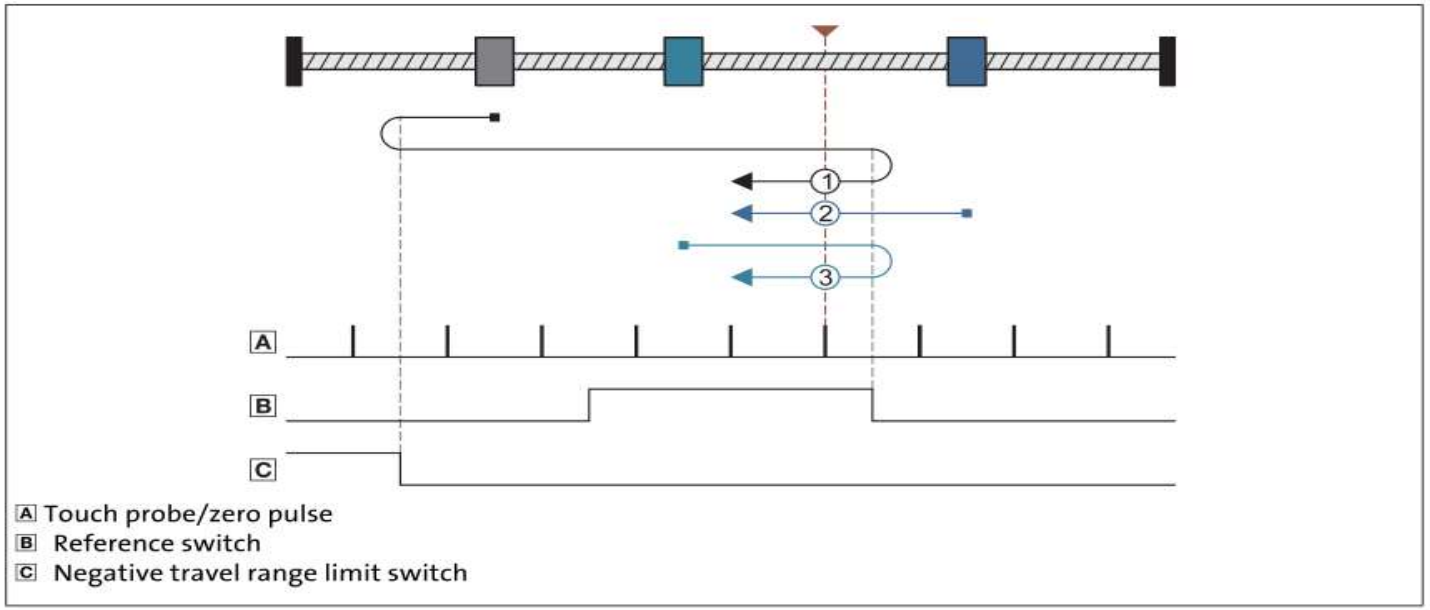
	Home switch	Positive switch	Negative switch	zero pulse	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)		
Case 1:					
Starting position	Low	inactive	High	inactive	Motor is spinning CCW at hm02 speed
Step 1:	Low	inactive	goes Low	inactive	Motor starts spinning CW at hm02 speed
Step 2:	Low	inactive	goes High	inactive	Motor continues to spin CW at hm02 speed
Step 3:	goes High	inactive	High	inactive	Motor starts spinning CW at hm03 speed
Step 4:	goes Low	inactive	High	inactive	Motor continues to spin CW at hm03 speed; system looking for zero pulse signal
Step 5:	Low	inactive	High	goes High	Motor stops spinning; target reached
Case 2:					
Starting position	Low	inactive	High	inactive	Motor is spinning CCW at hm02 speed
Step 1:	goes High	inactive	High	inactive	Motor starts spinning CW at hm03 speed
Step 2:	goes Low	inactive	High	inactive	Motor continues to spin CW at hm03 speed; system looking for zero pulse signal
Step 3:	Low	inactive	High	goes High	Motor stops spinning; target reached
Case 3:					
Starting position	High	inactive	High	inactive	Motor is spinning CW at hm03 speed
Step 1:	goes Low	inactive	High	inactive	Motor continues to spin CW at hm03 speed; system looking for zero pulse signal
Step 2:	Low	inactive	High	goes High	Motor stops spinning; target reached

Mode 1011: DS402 homing method 11



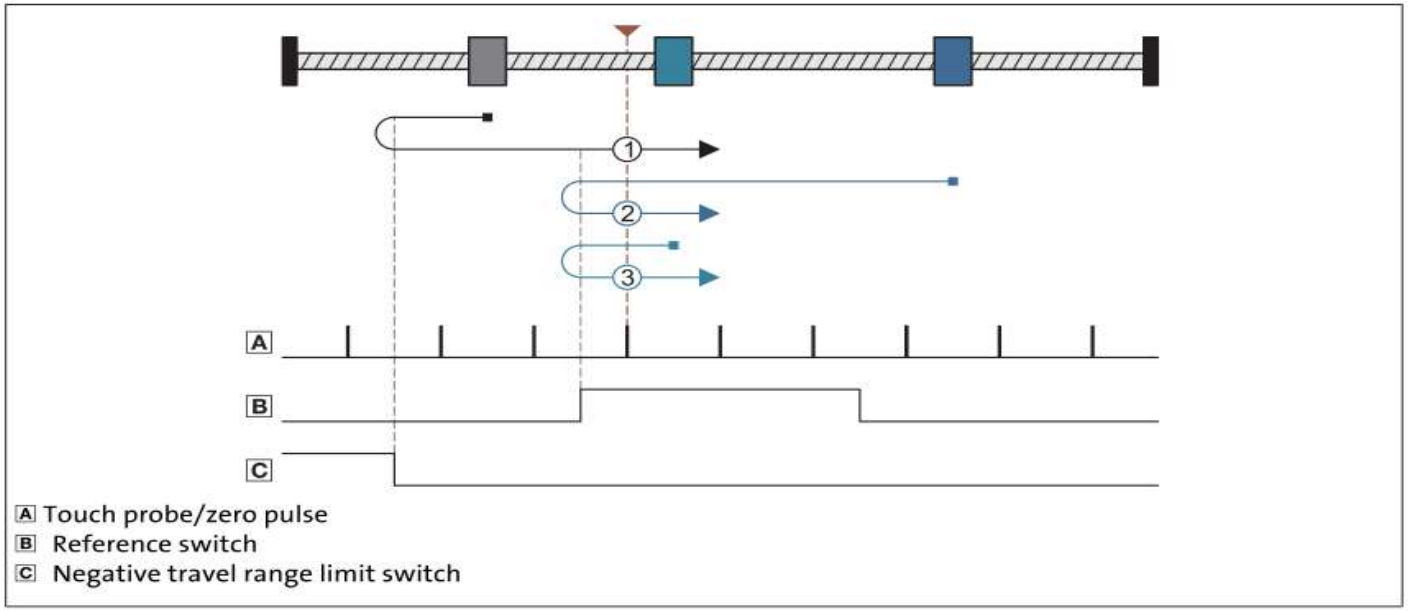
	Home switch	Positive switch	Negative switch	zero pulse	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)		
Case 1:					
Starting position	Low	inactive	High	inactive	Motor is spinning CCW at hm02 speed
Step 1:	Low	inactive	goes Low	inactive	Motor starts spinning CW at hm02 speed
Step 2:	Low	inactive	goes High	inactive	Motor continues to spin CW at hm02 speed
Step 3:	goes High	inactive	High	inactive	Motor continues to spin CW at hm02 speed
Step 4:	goes Low	inactive	High	inactive	Motor starts spinning CCW at hm03 speed
Step 5:	goes High	inactive	High	inactive	Motor continues to spin CCW at hm03 speed; system looking for zero pulse signal
Step 6:	High	inactive	High	goes High	Motor stops spinning; target reached
Case 2:					
Starting position	Low	inactive	High	inactive	Motor is spinning CCW at hm03 speed
Step 1:	goes High	inactive	High	inactive	Motor continues to spin CCW at hm03 speed; system looking for zero pulse signal
Step 2:	High	inactive	High	goes High	Motor stops spinning; target reached
Case 3:					
Starting position	High	inactive	High	inactive	Motor is spinning CW at hm02 speed
Step 1:	goes Low	inactive	High	inactive	Motor starts spinning CCW at hm03 speed
Step 2:	goes High	inactive	High	inactive	Motor continues to spin CCW at hm03 speed; system looking for zero pulse signal
Step 3:	High	inactive	High	goes High	Motor stops spinning; target reached

Mode 1012: DS402 homing method 12



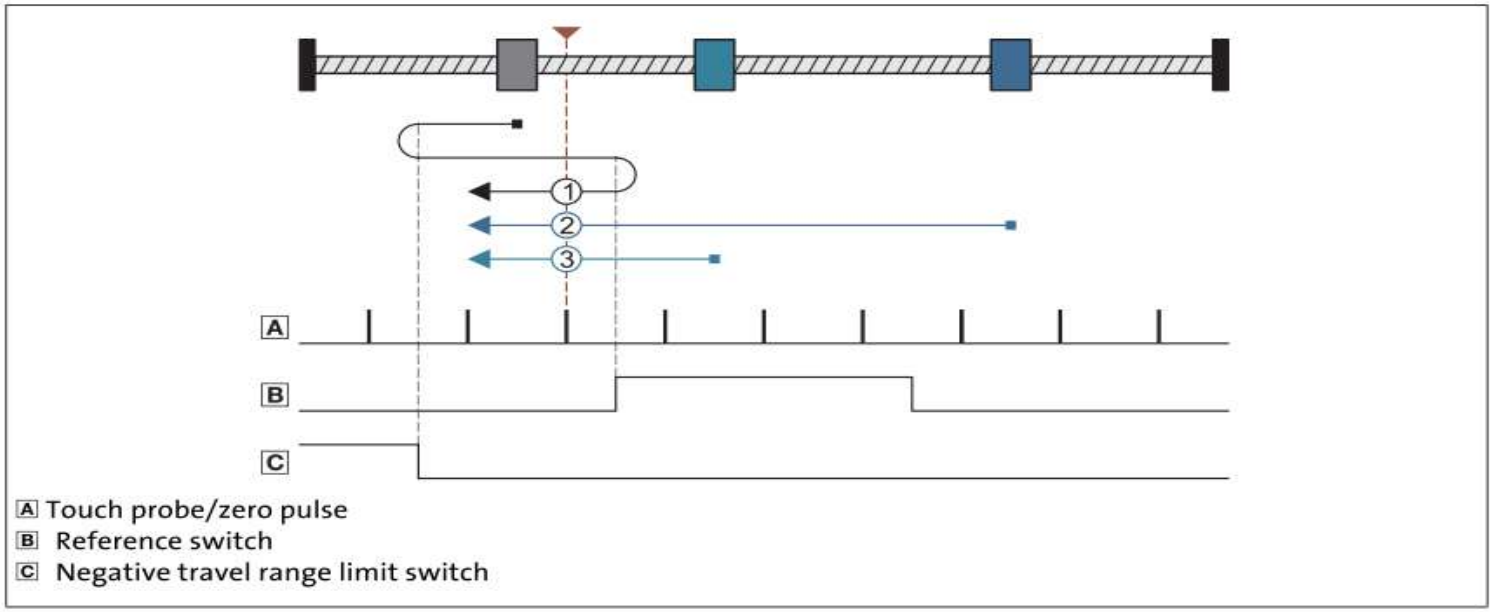
	Home switch	Positive switch	Negative switch	zero pulse	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)		
Case 1:					
Starting position	Low	inactive	High	inactive	Motor is spinning CCW at hm02 speed
Step 1:	Low	inactive	goes Low	inactive	Motor starts spinning CW at hm03 speed
Step 2:	Low	inactive	goes High	inactive	Motor starts spinning CW at hm03 speed
Step 3:	goes High	inactive	High	inactive	Motor continues to spin CW at hm03 speed; system looking for zero pulse signal
Step 4:	High	inactive	High	goes High	Motor stops spinning; target reached
Case 2:					
Starting position	Low	inactive	High	inactive	Motor is spinning CCW at hm02 speed
Step 1:	goes High	inactive	High	inactive	Motor continues to spin CCW at hm02 speed
Step 2:	goes Low	inactive	High	inactive	Motor starts spinning CW at hm03 speed
Step 3:	goes High	inactive	High	inactive	Motor continues to spin CW at hm03 speed; system looking for zero pulse signal
Step 4:	High	inactive	High	goes High	Motor stops spinning; target reached
Case 3:					
Starting position	High	inactive	High	inactive	Motor is spinning CCW at hm02 speed
Step 1:	goes Low	inactive	High	inactive	Motor starts spinning CW at hm03 speed
Step 2:	goes High	inactive	High	inactive	Motor continues to spin CW at hm03 speed; system looking for zero pulse signal
Step 3:	High	inactive	High	goes High	Motor stops spinning; target reached

Mode 1013: DS402 homing method 13



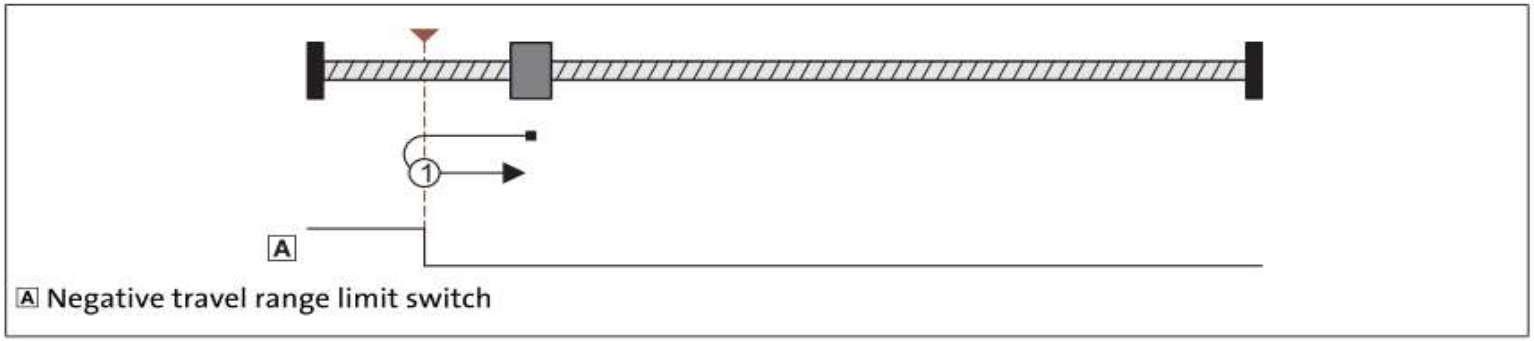
	Home switch	Positive switch	Negative switch	zero pulse	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)		
Case 1:					
Starting position	Low	inactive	High	inactive	Motor is spinning CCW at hm02 speed
Step 1:	Low	inactive	goes Low	inactive	Motor starts spinning CW at hm02 speed
Step 2:	Low	inactive	goes High	inactive	Motor continues to spin CW at hm02 speed
Step 3:	goes High	inactive	High	inactive	Motor starts to spin CCW at hm03 speed
Step 4:	goes Low	inactive	High	inactive	Motor continues to spin CCW at hm03 speed; system looking for zero pulse signal
Step 5:	Low	inactive	High	goes High	Motor stops spinning; target reached
Case 2:					
Starting position	Low	inactive	High	inactive	Motor is spinning CCW at hm02 speed
Step 1:	goes High	inactive	High	inactive	Motor starts spinning CCW at hm03 speed
Step 2:	goes Low	inactive	High	inactive	Motor continues to spin CCW at hm03 speed; system looking for zero pulse signal
Step 3:	Low	inactive	High	goes High	Motor stops spinning; target reached
Case 3:					
Starting position	High	inactive	High	inactive	Motor is spinning CCW at hm03 speed
Step 1:	goes Low	inactive	High	inactive	Motor continues to spin CCW at hm03 speed; system looking for zero pulse signal
Step 2:	High	inactive	High	goes High	Motor stops spinning; target reached

Mode 1014: DS402 homing method 14



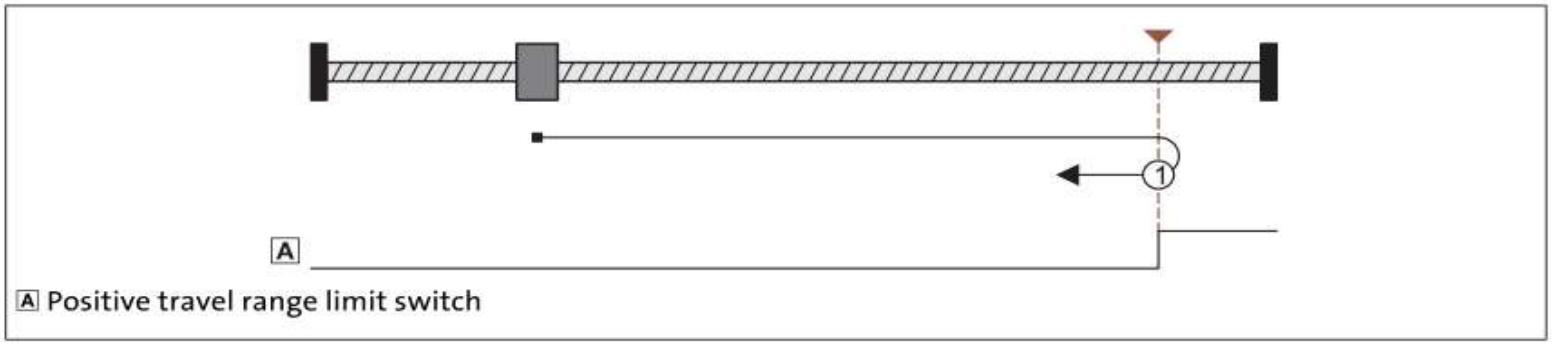
	Home switch	Positive switch	Negative switch	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)	
Case 1:				
Starting position	Inactive	Inactive	High	Motor is spinning CCW at hm02 speed
Step 1:	Inactive	Inactive	Low	Motor starts spinning CW at hm03 speed

Mode 1017: DS402 homing method 17



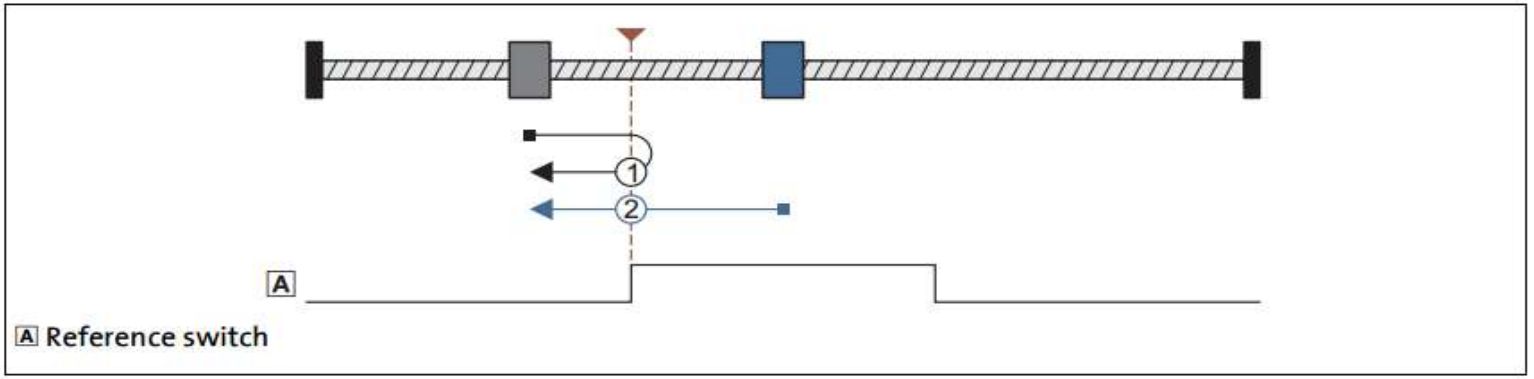
	Home switch	Positive switch	Negative switch	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)	
Case 1:				
Starting position	Inactive	High	Inactive	Motor is spinning CW at hm02 speed
Step 1:	Inactive	goes Low	Inactive	Motor starts to spin CCW at hm03 speed

Mode 1018: DS402 homing method 18



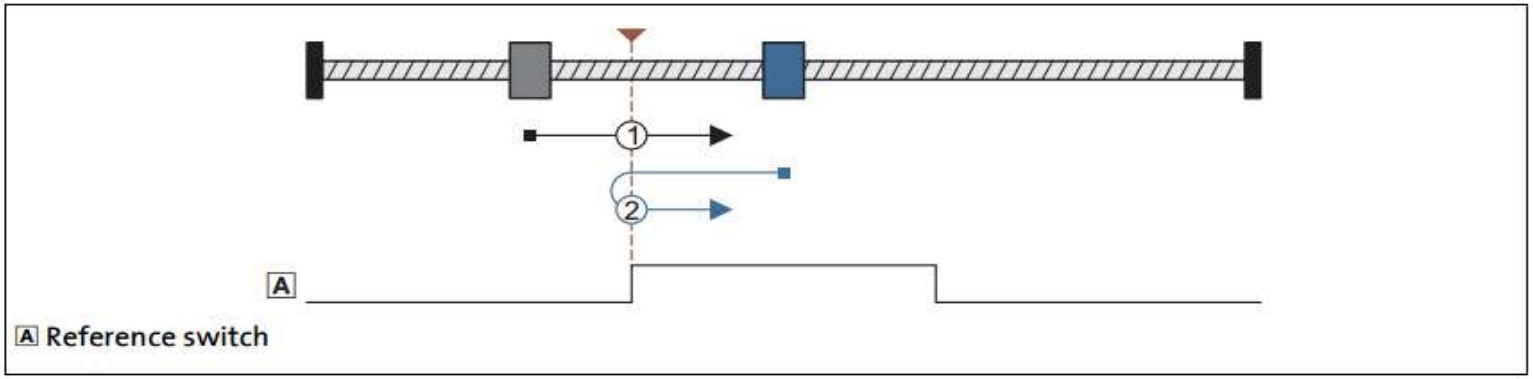
	Home switch	Positive switch	Negative switch	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)	
Case 1:				
Starting position	Low	inactive	inactive	Motor is spinning CW at hm02 speed
Step 1:	goes High	inactive	inactive	Motor starts spinning CCW at hm03 speed
Step 2:	goes Low	inactive	inactive	Motor stops spinning; target reached
Case 2:				
Starting position	High	inactive	inactive	Motor is spinning CCW at hm03 speed
Step 1:	goes Low	inactive	inactive	Motor stops spinning; target reached

Mode 1019: DS402 homing method 19



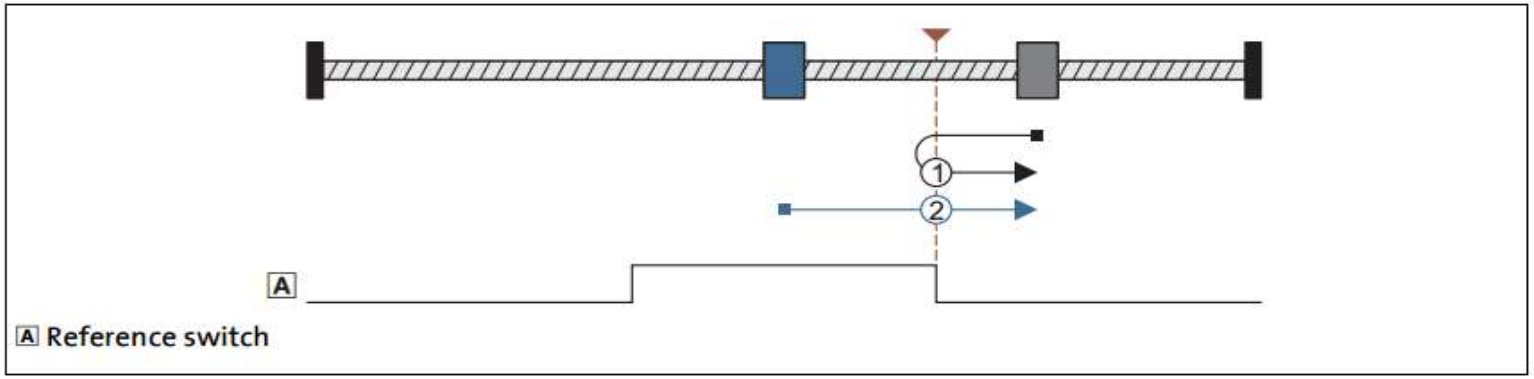
	Home switch	Positive switch	Negative switch	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)	
Case 1:				
Starting position	Low	inactive	inactive	Motor is spinning CW at hm03 speed
Step 1:	goes High	inactive	inactive	Motor stops spinning; target reached
Case 2:				
Starting position	High	inactive	inactive	Motor is spinning CCW at hm02 speed
Step 1:	Goes Low	inactive	inactive	Motor starts spinning CW at hm03 speed
Step 2:	Goes High	inactive	inactive	Motor stops spinning; target reached

Mode 1020: DS402 homing method 20



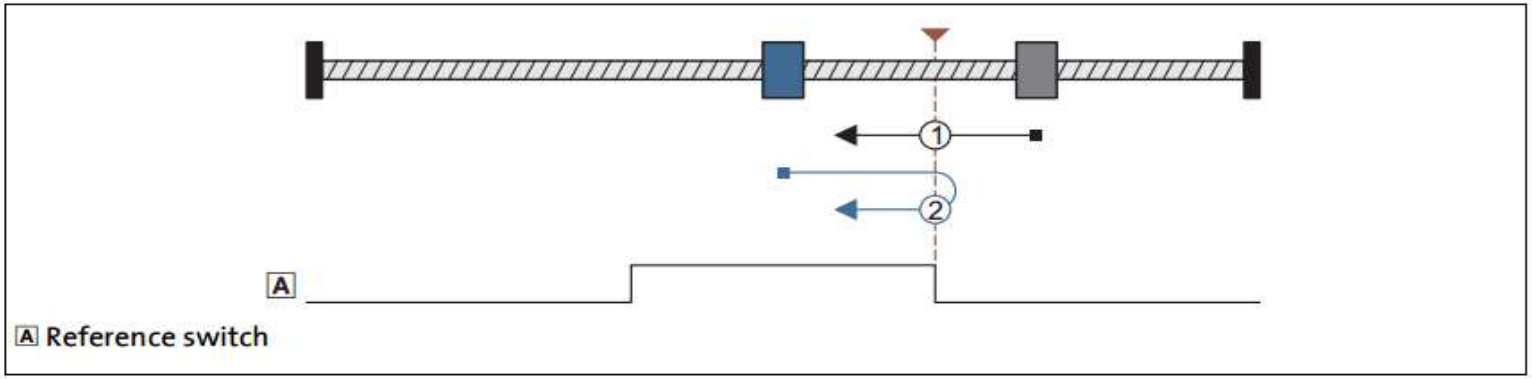
	Home switch	Positive switch	Negative switch	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)	
Case 1:				
Starting position	Low	inactive	inactive	Motor is spinning CCW at hm02 speed
Step 1:	Goes High	inactive	inactive	Motor starts spinning CW at hm03 speed
Step 2:	Goes Low	inactive	inactive	Motor stops spinning; target reached
Case 2:				
Starting position	High	inactive	inactive	Motor is spinning CW at hm03 speed
Step 1:	Goes Low	inactive	inactive	Motor stops spinning; target reached

Mode 1021: DS402 homing method 21



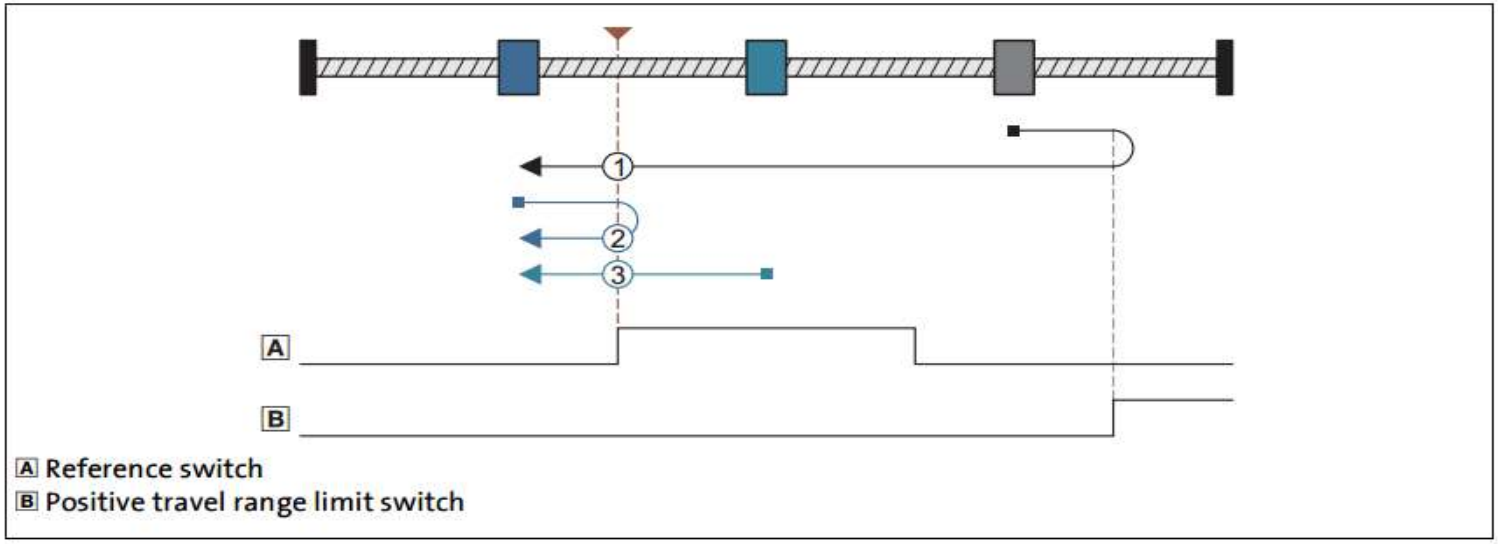
	Home switch	Positive switch	Negative switch	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)	
Case 1:				
Starting position	Low	inactive	inactive	Motor is spinning CCW at hm03 speed
Step 1:	goes High	inactive	inactive	Motor stops spinning; target reached
Case 2:				
Starting position	High	inactive	inactive	Motor is spinning CW at hm02 speed
Step 1:	goes Low	inactive	inactive	Motor starts spinning CCW at hm03 speed
Step 2:	goes High	inactive	inactive	Motor stops spinning; target reached

Mode 1022: DS402 homing method 22



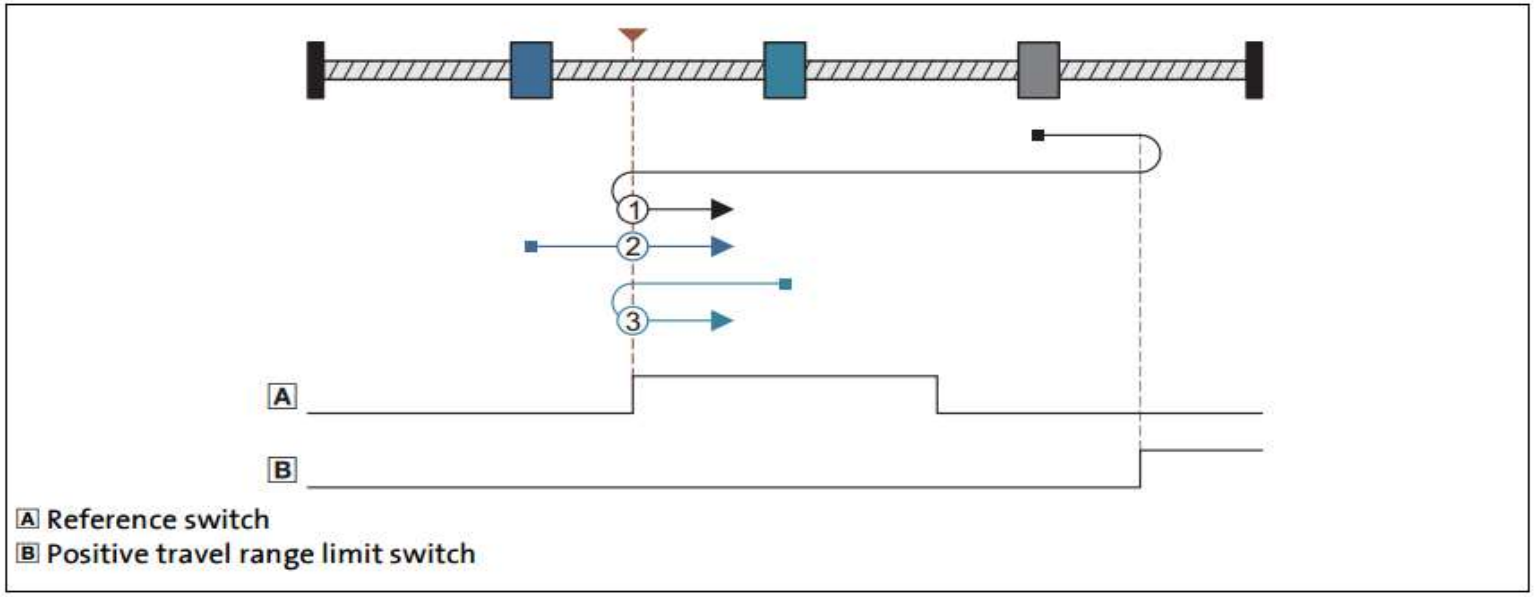
	Home switch	Positive switch	Negative switch	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)	
Case 1:				
Starting position	Low	High	inactive	Motor is spinning CW at hm02 speed
Step 1:	Low	goes Low	inactive	Motor starts spinning CCW at hm02 speed
Step 2:	Low	goes High	inactive	Motor continues to spin CCW at hm02 speed
Step 3:	goes High	High	inactive	Motor starts spinning CCW at hm03 speed
Step 4:	goes Low	High	inactive	Motor stops spinning; target reached
Case 2:				
Starting position	Low	High	inactive	Motor is spinning CW at hm02 speed
Step 1:	Goes High	High	inactive	Motor starts spinning CCW at hm03 speed
Step 2:	Goes Low	High	inactive	Motor stops spinning; target reached
Case 3:				
Starting position	High	High	inactive	Motor starts spinning CCW at hm03 speed
Step 1:	Goes Low	High	inactive	Motor stops spinning; target reached

Mode 1023: DS402 homing method 23



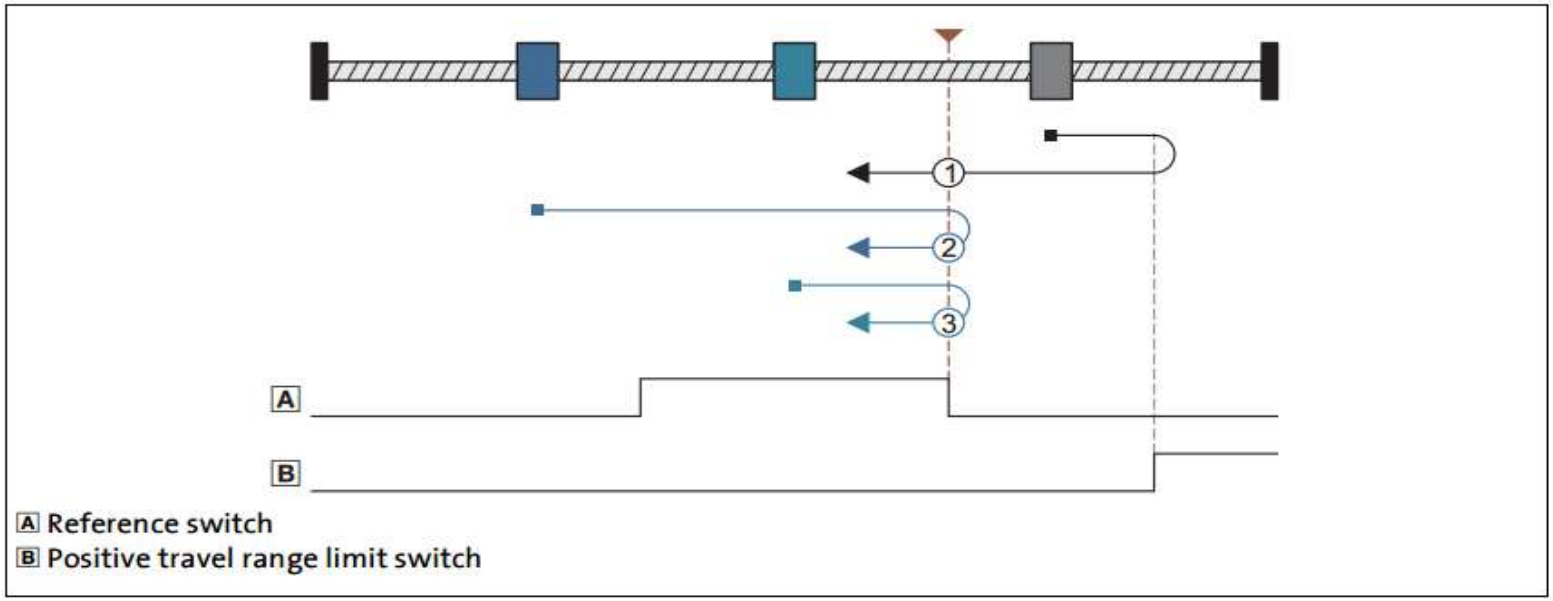
	Home switch	Positive switch	Negative switch	Motor effects
Input	I1 (set via hm08	I2 (set via hm07)	I3 (set via hm06)	
Case 1:				
Starting position	Low	High	inactive	Motor is spinning CW at hm03 speed
Step 1:	Low	goes Low	inactive	Motor starts spinning CCW at hm02 speed
Step 2:	Low	goes High	inactive	Motor continues to spin CCW at hm02 speed
Step 3:	goes High	High	inactive	Motor continues to spin CCW at hm02 speed
Step 4:	Goes Low	High	inactive	Motor starts spinning CW at hm03 speed
Step 5:	Goes High	High	inactive	Motor stops spinning; target reached
Case 2:				
Starting position	Low	High	inactive	Motor is spinning CW at hm03 speed
Step 1:	Goes High	High	inactive	Motor stops spinning; target reached
Case 3:				
Starting position	High	Low	inactive	Motor is spinning CCW at hm02 speed
Step 1:	HIgh	goes High	inactive	Motor continues to spin CCW at hm02 speed
Step 2:	Goes Low	High	inactive	Motor starts spinning CW at hm03 speed
Step 3:	Goes High	High	inactive	Motor stops spinning; target reached

Mode 1024: DS402 homing method 24



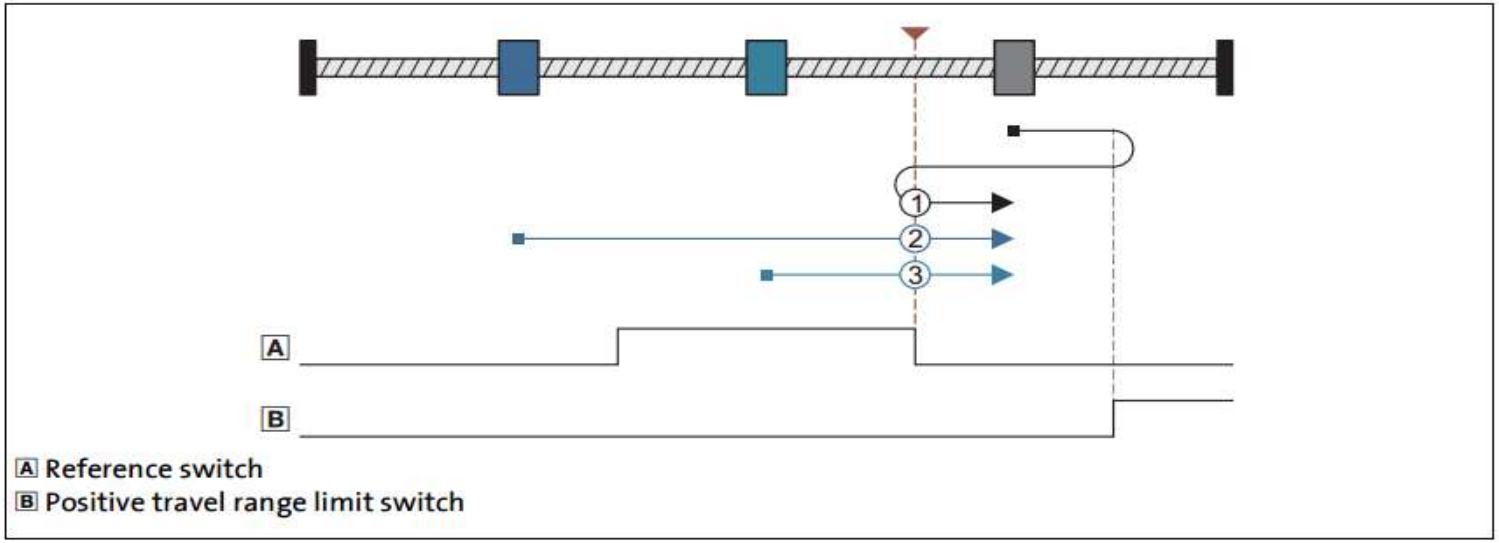
	Home switch	Positive switch	Negative switch	Motor effects
Input	I1 (set via hm08	I2 (set via hm07)	I3 (set via hm06)	
Case 1:				
Starting position	Low	High	inactive	Motor is spinning CW at hm02 speed
Step 1:	Low	Goes Low	inactive	Motor starts spinning CCW at hm03 speed
Step 2:	Low	Goes HIgh	inactive	Motor continues to spin CCW at hm03 speed
Step 3:	High	High	inactive	Motor stops spinning; target reached
Case 2:				
Starting position	Low	High	inactive	Motor is spinning CW at hm02 speed
Step 1:	Goes High	High	inactive	Motor continues to spin CW at hm02 speed
Step 2:	Goes Low	High	inactive	Motor continues to spin CCW at hm03 speed
Step 3:	Goes High	High	inactive	Motor stops spinning; target reached
Case 3:				
Starting position	High	High	inactive	Motor is spinning CW at hm02 speed
Step 1:	Goes Low	High	inactive	Motor continues to spin CCW at hm03 speed
Step 2:	Goes High	High	inactive	Motor stops spinning; target reached

Mode 1025: DS402 homing method 25



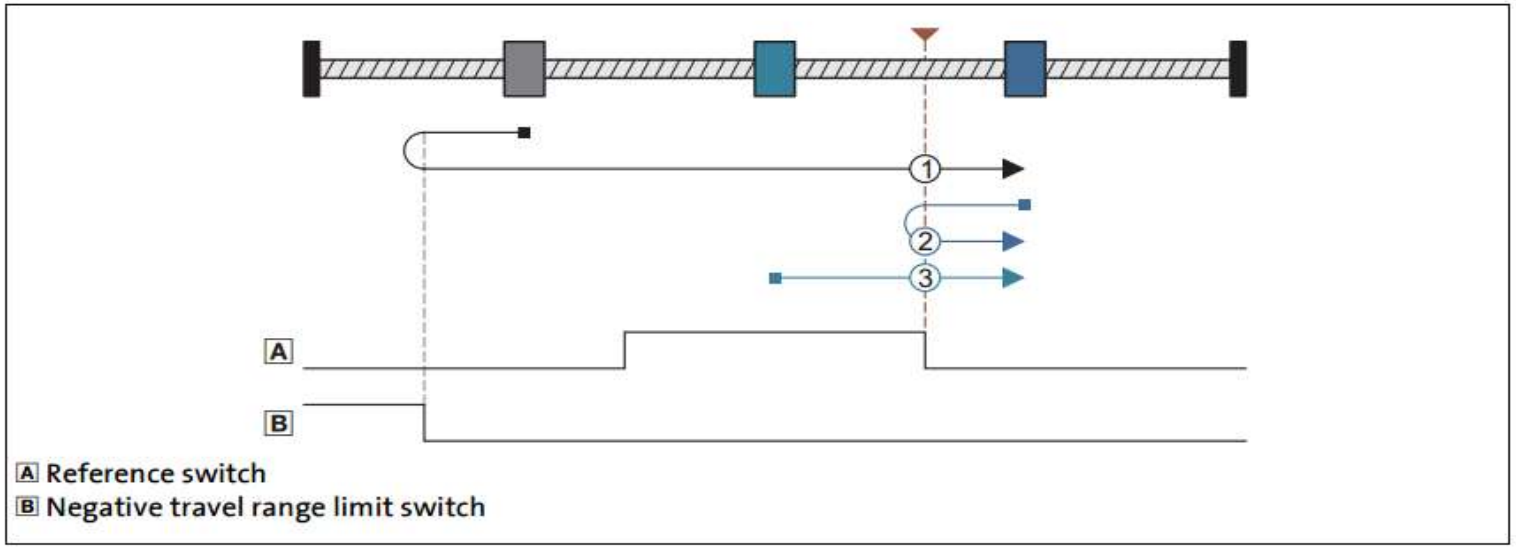
	Home switch	Positive switch	Negative switch	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)	
Case 1:				
Starting position	Low	High	inactive	Motor is spinning CW at hm02 speed
Step 1:	Low	goes Low	inactive	Motor starts spinning CCW at hm02 speed
Step 2:	Low	goes High	inactive	Motor continues to spin CCW at hm02 speed
Step 3:	goes High	High	inactive	Motor starts spinning CW at hm03 speed
Step 4:	goes Low	High	inactive	Motor stops spinning; target reached
Case 2:				
Starting position	Low	High	inactive	Motor is spinning CW at hm02 speed
Step 1:	goes High	High	inactive	Motor starts spinning CW at hm03 speed
Step 2:	goes Low	High	inactive	Motor stops spinning; target reached
Case 3:				
Starting position	High	High	inactive	Motor is spinning CW at hm03 speed
Step 1:	goes Low	High	inactive	Motor stops spinning; target reached

Mode 1026: DS402 homing method 26



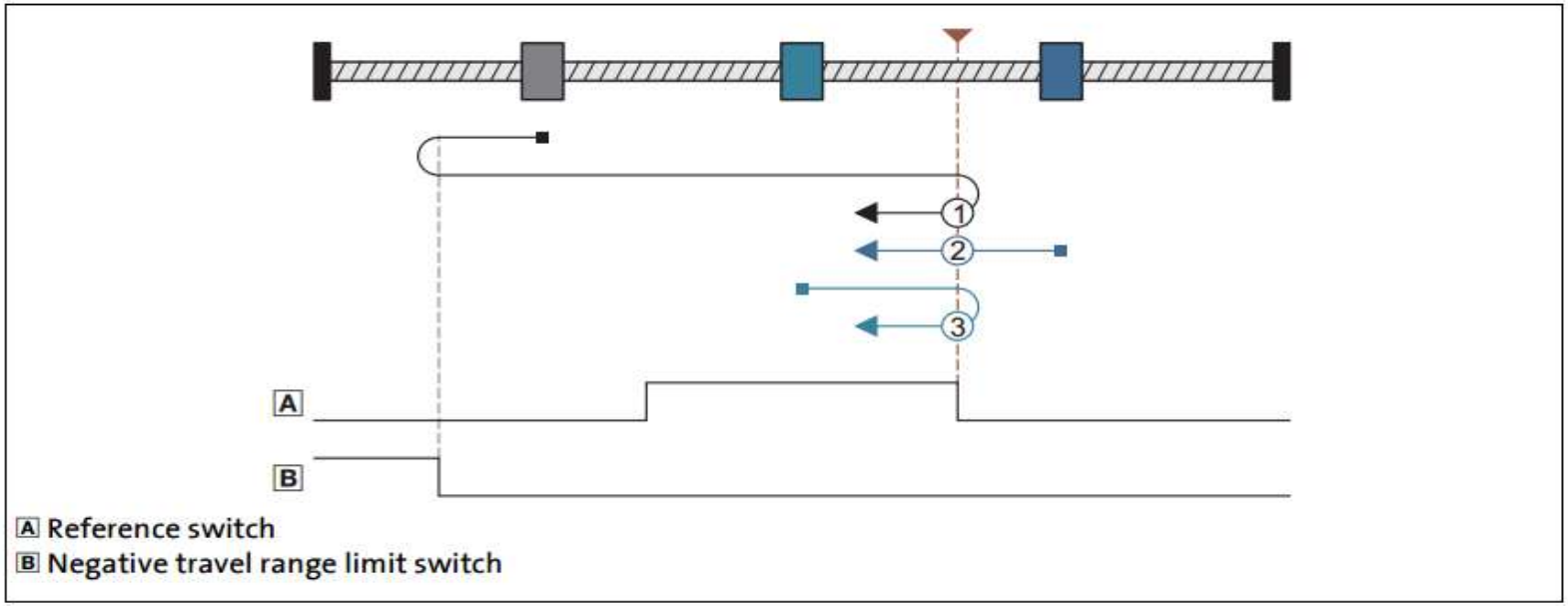
	Home switch	Positive switch	Negative switch	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)	
Case 1:				
Starting position	Low	inactive	High	Motor is spinning CCW at hm02 speed
Step 1:	Low	inactive	goes Low	Motor starts spinning CW at hm02 speed
Step 2:	Low	inactive	goes High	Motor continues to spin CW at hm02 speed
Step 3:	goes High	inactive	High	Motor starts spinning CW at hm03 speed
Step 4:	goes Low	inactive	High	Motor stops spinning; target reached
Case 2:				
Starting position	Low	inactive	High	Motor is spinning CCW at hm02 speed
Step 1:	goes High	inactive	High	Motor starts spinning CW at hm03 speed
Step 2:	goes Low	inactive	High	Motor stops spinning; target reached
Case 3:				
Starting position	High	inactive	High	Motor is spinning CW at hm03 speed
Step 1:	goes Low	inactive	High	Motor stops spinning; target reached

Mode 1027: DS402 homing method 27

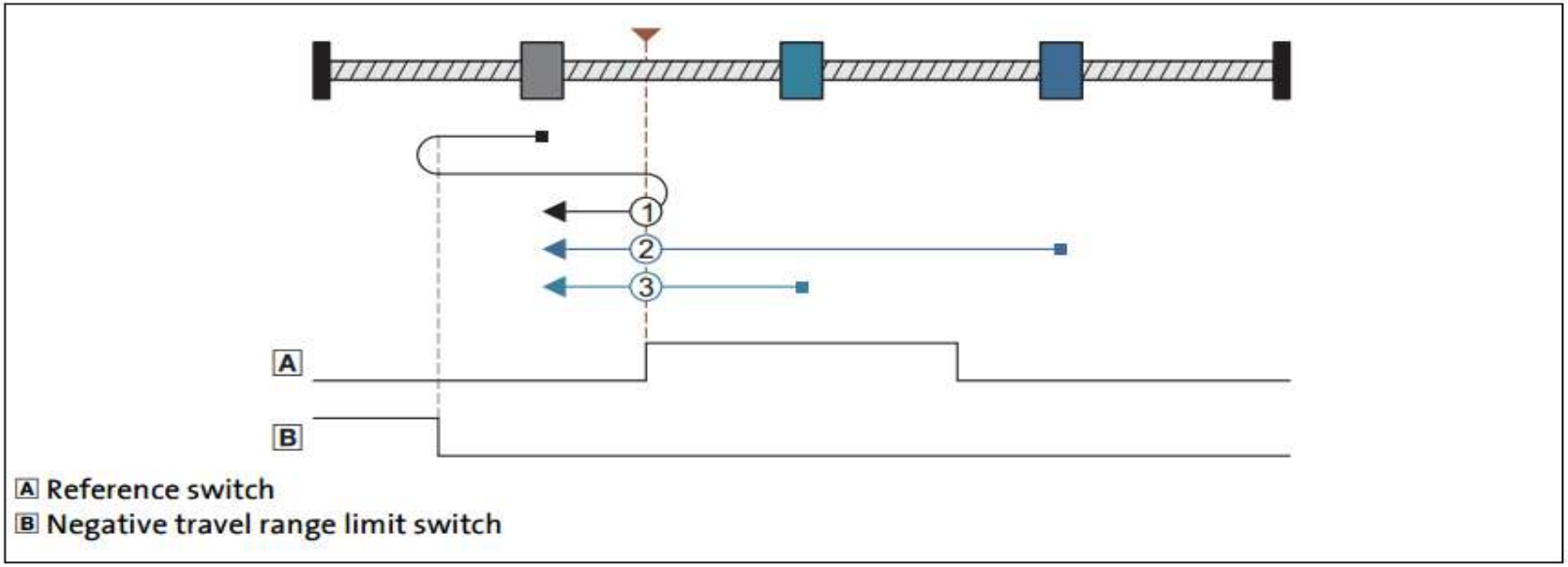


	Home switch	Positive switch	Negative switch	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)	
Case 1:				
Starting position	Low	inactive	High	Motor is spinning CCW at hm02 speed
Step 1:	Low	inactive	goes Low	Motor starts spinning CW at hm02 speed
Step 2:	Low	inactive	goes High	Motor continues to spin CW at hm02 speed
Step 3:	goes High	inactive	High	Motor continues to spin CW at hm02 speed
Step 4:	goes Low	inactive	High	Motor starts spinning CCW at hm03 speed
Step 5:	goes High	inactive	High	Motor stops spinning; target reached
Case 2:				
Starting position	Low	inactive	High	Motor is spinning CCW at hm03 speed
Step 1:	goes High	inactive	High	Motor stops spinning; target reached
Case 3:				
Starting position	High	inactive	High	Motor is spinning CW at hm02 speed
Step 1:	goes Low	inactive	High	Motor starts spinning CCW at hm03 speed
Step 2:	goes High	inactive	High	Motor stops spinning; target reached

Mode 1028: DS402 homing method 28



	Home switch	Positive switch	Negative switch	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)	
Case 1:				
Starting position	Low	inactive	High	Motor is spinning CCW at hm02 speed
Step 1:	Low	inactive	goes Low	Motor starts spinning CW at hm02 speed
Step 2:	Low	inactive	goes High	Motor continues to spin CW at hm02 speed
Step 3:	goes High	inactive	High	Motor starts to spin CCW at hm03 speed
Step 4:	goes Low	inactive	High	Motor stops spinning; target reached
Case 2:				
Starting position	Low	inactive	High	Motor is spinning CCW at hm02 speed
Step 1:	goes High	inactive	High	Motor starts spinning CCW at hm03 speed
Step 2:	goes Low	inactive	High	Motor stops spinning; target reached
Case 3:				
Starting position	High	inactive	High	Motor is spinning CCW at hm03 speed
Step 1:	goes Low	inactive	High	Motor stops spinning; target reached



	Home switch	Positive switch	Negative switch	Motor effects
Input	I1 (set via hm08)	I2 (set via hm07)	I3 (set via hm06)	
Case 1:				
Starting position	Low	inactive	High	Motor is spinning CCW at hm02 speed
Step 1:	Low	inactive	goes Low	Motor starts spinning CW at hm03 speed
Step 2:	Low	inactive	goes High	Motor starts spinning CW at hm03 speed
Step 3:	goes High	inactive	High	Motor stops spinning; target reached
Case 2:				
Starting position	Low	inactive	High	Motor is spinning CCW at hm02 speed
Step 1:	goes High	inactive	High	Motor continues to spin CCW at hm02 speed
Step 2:	goes Low	inactive	High	Motor starts spinning CW at hm03 speed
Step 3:	goes High	inactive	High	Motor stops spinning; target reached
Case 3:				
Starting position	High	inactive	High	Motor is spinning CCW at hm02 speed
Step 1:	goes Low	inactive	High	Motor starts spinning CW at hm03 speed
Step 2:	goes High	inactive	High	Motor stops spinning; target reached

Mode 1029: DS402 homing method 29