Spring plungers

with end position feedback

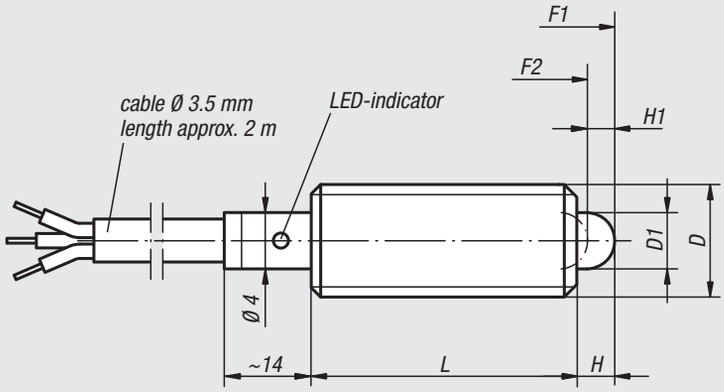
Material:
Sleeve, pressure pin and spring in steel.
Inductive proximitiy switch.

Surface finish:
Black oxide finish.
Pressure pin hardened.

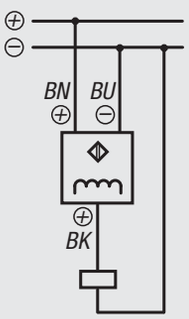
Sample order:
nlm 03020-5081

Note:
An electrical control signal can be sent via the built-in end switch.
Voltage: U = 10 – 30 V DC
Electricity: I max. = 200 mA
Temperature range: -25 °C – +70 °C
Protection class: IP 67

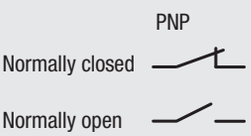
Safety:
The use of spring plungers with end position feedback is not suitable for restraining people.



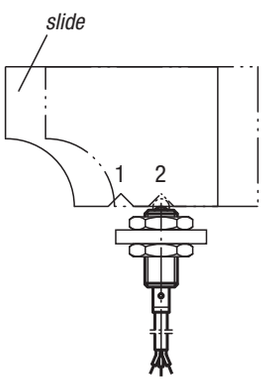
Connection diagram:



BN = brown
BK = black
BU = blue



Application, position feedback:
Pos. 1: slide engaged
Pos. 2: slide disengaged



Order No.	Surface finish	D	D1	L	H	H1	Switching contact from stroke H1	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
03020-5061	normally closed	M6	2,7	27	3	2	1,2 - 1,6	7	20
03020-5081	normally closed	M8	4	29	3	2	1,2 - 1,8	15	30
03020-5101	normally closed	M10	4,5	36	4	3	2,2 - 2,8	26	44
03020-5062	normally open	M6	2,7	27	3	2	1,2 - 1,6	7	20
03020-5082	normally open	M8	4	29	3	2	1,2 - 1,8	15	30
03020-5102	normally open	M10	4,5	36	4	3	2,2 - 2,8	26	44