

HNL60-A

CAPACITIVE LEVEL SWITCH

PRODUCT FEATURES

- 1 Using intelligent frequency scanning technology for point level detection
- 2 Suitable for the healthcare industry and industrial applications
- 3 Support various process connections
- 4 Reliable detection of various media
- 5 Medium temperature -20... 80 °C

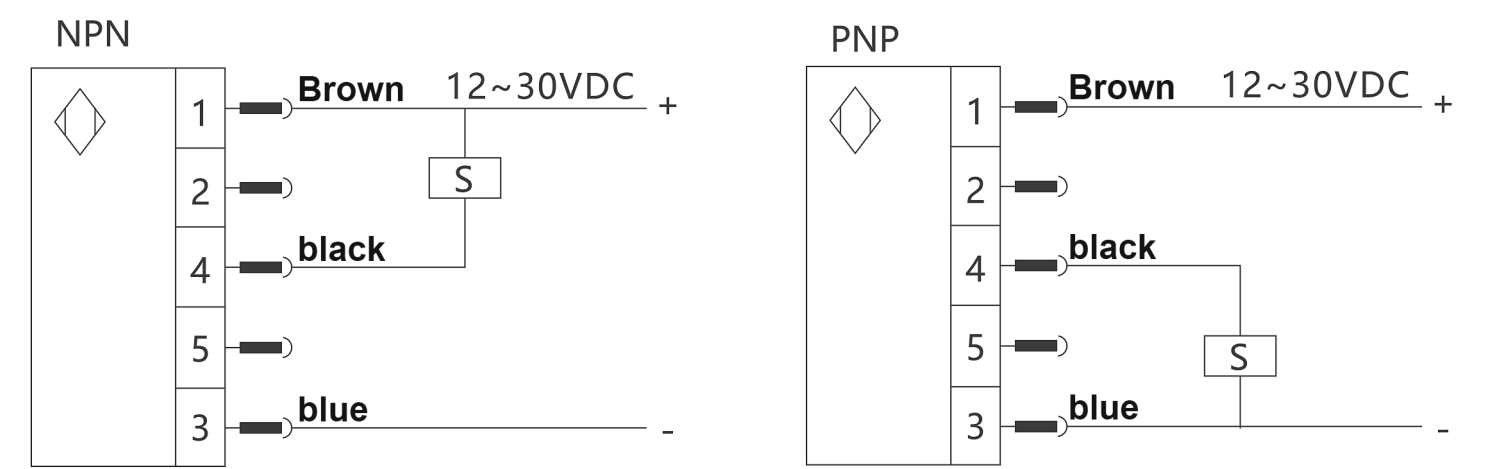
ED sealing form

PRODUCT INTRODUCTION

SPORTS EVENT	NUMBERS
Measuring principle	Material level switch (frequency scanning)
Medium characteristics	DC>1.5
Hysteresis	±1mm
Repeatability	±1mm
Response time	0.1s,typ. 0.2s,max.
Damping time	0... 10s, adjustable
Material of liquid receiving components	PEEK,Natura,316L(1.4404)
Surface roughness of liquid receiving components	Ra ≤ 0.8 μm

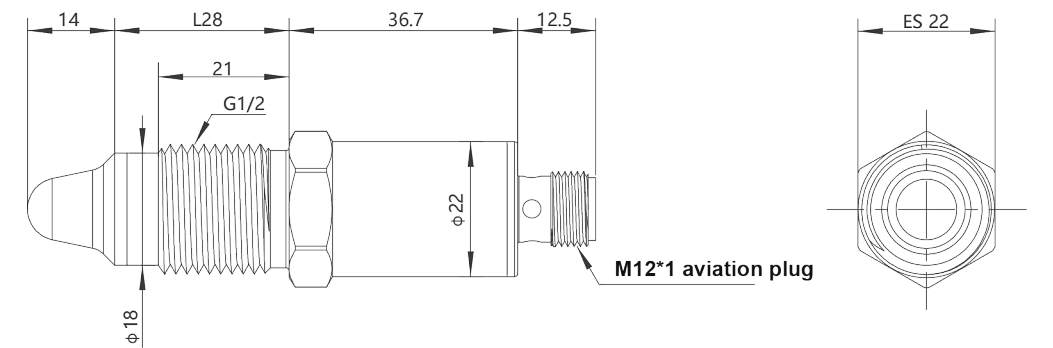
Type of output	PNP/NPN
Switching logic	Constant group (NC)/Constant open (NO)
EMC electromagnetic radiation	EN 61326, Installed in a sealed metal can
EMC electromagnetic immunity	EN 61326, Installed in a sealed metal can

WIRING DIAGRAM

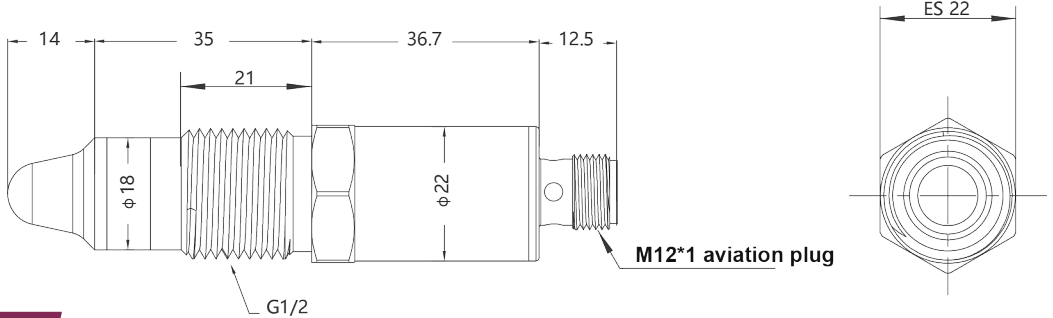


PRODUCT SIZE (MM)

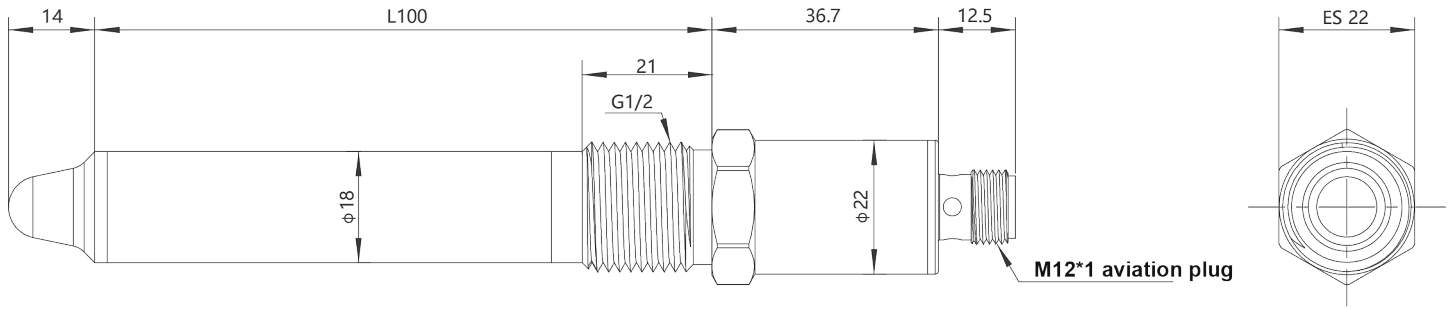
Standard model (model: HNL60-A-L030M)



Extended version (model: HNL60-A-L035M)



Extended version (model: HNL60-A-L100M)



HNL60-A CAPACITOR LEVEL SWITCH SELECTION TABLE

MODEL	SPECS	PARAMETER		
HNL60-A		Capacitive level switch		
Probe length	L030	30mm		
	L035	35mm		
	L050	50mm		
	L100	100mm		
	LXX	customizable		
Aerial linker	M	M12 aviation plugin		
Wiring Method	Z	Direct outgoing line	1	1M
			2	2M
Output	-	PNP output		
	-N	NPN output		
Electrical contacts	-	Normally open (NO)		
	C	Normally closed (NC)		
Product type	-	Standard type		
	ED	ED sealing ring		