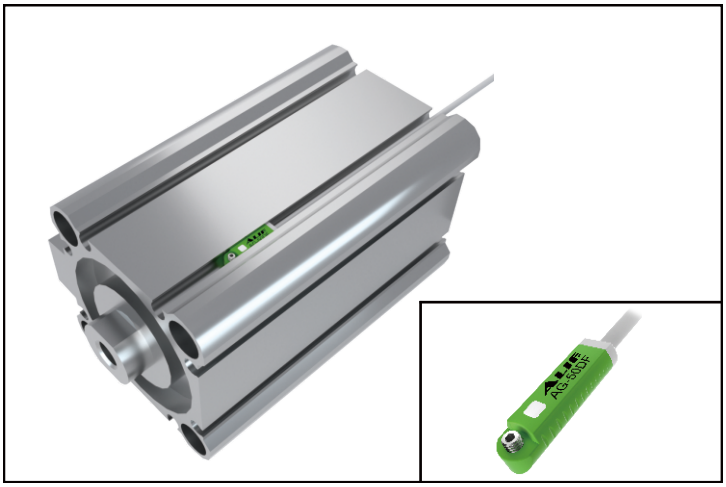
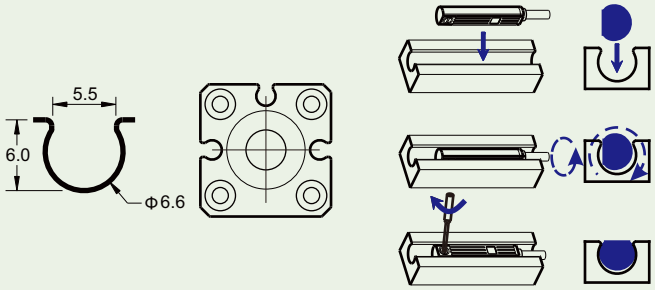
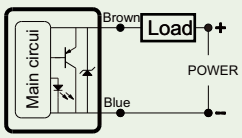
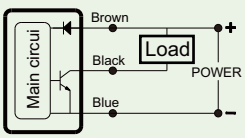
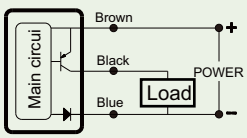


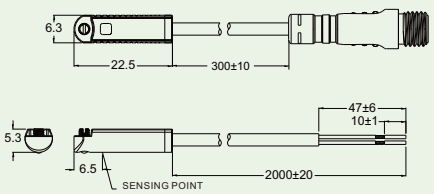
Top installation, more convenient
Apply to 6.6mm round groove(Norgren)



SPECIFICATION

TYPE / CHARACTERISTIC	AG - 50DF	AG - 50N	AG - 50P
SWITCHING LOGIC	Normally Open	Solid State Output, Normally Open	
SENSOR TYPE	2 Wire Solid State	NPN Current Sinking	PNP Current Sinking
OPERATING VOLTAGE	8~30V DC	8~30V DC	
SWITCHING CURRENT	1 ~ 50 mA	0 ~ 100 mA	
SWITCHING RATING	1.5 W Max.	3 W Max.	
CURRENT CONSUMPTION	NONE	3.5 mA Max. @ 24V DC	3.5 mA Max. @ 24V DC
VOLTAGE DROP	2.85V Max. @ 50mA DC	0.8 V Max. @ 100 mA DC	
LEAKAGE CURRENT	90 μA Max. @ 28V	0.01 mA Max.	
INDICATOR	Red LED	Red LED	Green LED
CABLE	Φ2.8, 2C, Grey Oil-Resistant PUR/PVC	Φ2.8, 3C, Grey Oil-Resistant PUR\PVC	
SENSITIVITY	60 Gauss	60 Gauss	
SWITCHING FREQUENCY	900 Hz	900 Hz	
TEMPERATURE RANGE	-20~80℃	-20~80℃	
SHOCK	50 G	50 G	
VIBRATION	9 G	9 G	
ENCLOSURE CLASSIFICATION	IP 68 (GB/T 4208-2017)	IP 68 (GB/T 4208-2017)	
PROTECTION CIRCUIT	Surge Suppression	Power Reverse Polarity; Surge Suppression	
CE Certificate NO.	**E8A 053334 0014**	**E8A 053334 0014**	**E8A 053334 0014**
3C Certificate NO.	/	/	/
CNEx Certificate NO.	/	/	
Connection Diagram			

AG-50DF
AG-50DF-QC8/QJ8
AG-50DF-QC12(QJ12)
AG-50DF-EZ2M

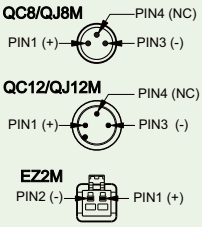


AG-50N(P)
AG-50N(P)-QC8/QJ8
AG-50N(P)-QC12(QJ12)
AG-50N(P)-EZ3M

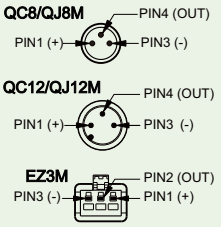
Options: See part number codes descriptions on page 09

QUICK CONNECTOR (IEC61076-2-101/IEC61076-2-104)

2 wire connector wiring



3 wire connector wiring



IP68 REACH CE CNEx RoHS