

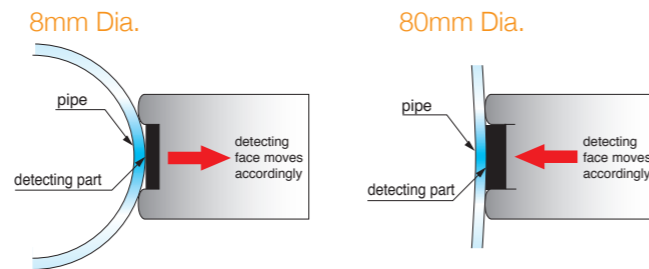
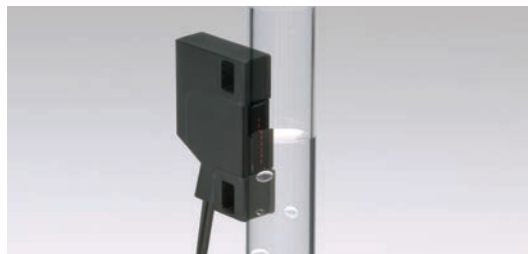
LIQUID LEVEL & LIQUID LEAK DETECTION



Choose from pipe-mountable or PFA protected contact type for level detecting and compact PFA encased for leak sensing.

Liquid level: pipe mount type

Mounts to pipe diameters from 3mm to 80mm in diameter. NF-DF07 extremely resistant to foam and bubbles.



Liquid level: contact type

Unique multistep tip design prevents accumulation of liquid at the tip of the sensor head.



3 types of joint are available;

NF-DA54 for Liquid inflow prevention type

NF-DA55 for Protective tube mounting

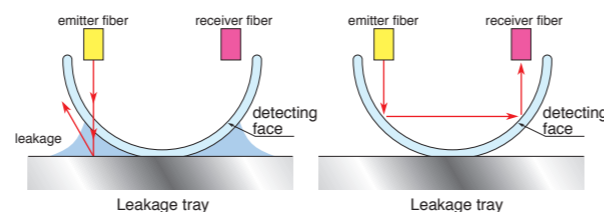
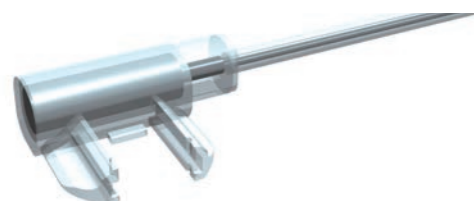
NF-DA56 for fiber cable mounting



You can procure ferrule for joint above; NF-DA57

Leakage type

It detects liquid leakage on the surface of flat pan.



When liquid leaked, the light diffuses at the leakage and doesn't get to receiver. The light reflects at the detecting face and the light comes into receiver.

Specifications (Liquid Level)

	Sensing head	Sensing conditions	Operation temperature (°C ~ °C)	Radius (mm)	Part Number	
Liquid level	For detecting the limit upwards Free cut 	Array type, best for liquid with bubbles. For transparent pipe of the outer diameter bigger than 8mm.	-40~70	R=10	NF-DF07	
	For detecting the limit downwards Free cut 	For PFA / transparent pipe of the outer diameter between 3 and 10 mm with width of 0.3 - 1.0mm.	-20~60	protective tube R=20 Bending radius R=4	NF-TF01	
	Upper level detecting Heat resistant Free cut 	Position adjuster gives freedom of installation. For PFA / transparent pipe of the outer diameter between 6 and 26 mm with width of 1.0mm.	-40~100	R=10	NF-DF05	
	Upper level detecting Heat resistant Free cut 	Position adjuster gives freedom of installation. For PFA / transparent pipe of the outer diameter between 6 and 26 mm with width between of 1.0 and 3.0 mm.	-40~100	R=10	NF-DF04	
	Free cut 	Contact type with protection tube of 500mm length (free-cut). Mechanically protect the fiber from liquid ball that accumulates at the tip.	-40~70	protective tube R=20 fiber R=10	NF-DF06	
	Heat resistant Free cut 	Contact type of heat resistant material up to 105 Celsius Mechanically protect the fiber from liquid ball that accumulates at the tip. Protection tube : Fluorine 500mm, free-cut	-40~105	protective tube R=20 fiber R=10	NF-DF08	
	Free cut 	Contact type with protection tube of 2,000mm length (free-cut). Mechanically protect the fiber from liquid ball that accumulates at the tip.	-40~70	R=60	NF-DF03	

Operating humidity is 35~85%RH. Please use in 0~40°C when it's 85%RH.

