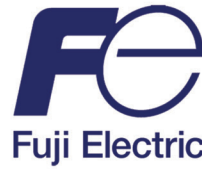




OFFICIAL UK DISTRIBUTORS FOR:



DRM Technic

Suppliers of Gas Analysis Equipment

Moisture Detectors
and Controllers

MOISTURE DETECTORS AND CONTROLLERS

These are used to alarm when damaging moisture breakthrough occurs in gas conditioning systems. They are installed in-situ; after the moisture is removed, they are dried by the gas stream.

FEATURES

Maintenance free | Self-Resetting | Comes with Broken Wire Detection



PRODUCT DESCRIPTIONS AND TECHNICAL DRAWINGS

MOISTURE DETECTORS

<p>FF-3-N Detector for use in explosive applications</p>		<p>FF-40 Detector for use in pressures of up to 40 bar</p>	
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CONTROLLERS

<p>ER-145/A/EX - Intrinsically safe input - Long cables - Connectable to one FF-3-N detector</p>		<p>FF-HM - Connectable to up to two FF-3-N detectors in parallel or one FF-40 - Potential-free outputs - Configurable lock mode</p>	
<p>FF-19 - Same specifications as the FF-HM controller - Specially designed for 19" support</p>		<p>FF-x-U - Wall mountable - Mono-stable Outputs - FF-1-U: connectable to one or two FF-3-U units - FF-3-U: Connectable to one FF-3-N or FF-40 - FF-3-U-2: Connectable to two FF-3-U</p>	

CONTACT US: DRM Technic, 15C Raleigh Hall Industrial Estate, Stafford, Staffordshire, ST21 6JL



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SPECIFICATIONS

MOISTURE DETECTORS

Product No.	FF-3-N	FF-40
Materials	PVDF, 1.4571, Epoxy, 1.4576, PTFE	PE, 1.4571, Epoxy, 1.4576
Standard Cable Length	4 m, 4 x 0.34 ²	4m, 2 x 0.25 ²
Max. Operating Pressure	2 bar	40 bar
Max. Operating Temperature	3 °C to 50 °C	3 °C to 50 °C
Broken Wire Detection	Yes	Yes

CONTROLLERS

Product No.	FF-HM-230	FF-HM-24	FF-19	FF-x-U	ER-145/A/Ex
Power Supply	230 / 115 V AC 50/60 Hz	24 V DC ±10%	24 V DC ±10%	230 / 115 V AC 50 /60 Hz	230 V or 115 V AC; 48 ... 62 Hz
Output Max.	230 V, 2 A	24 V DC/AC, 2 A	24 V DC/AC, 2 A	230 V, 2 A	AC: 250 V, 5 A DC: 150 V, 5 A
Protection Class	IP 40 Terminals: IP 20	IP 40 Terminals: IP 20	IP 20 in attached state	-	IP 40, Terminals: IP 20
Ex-classification	-	-	-	-	II(1)G [Exx ia] IIC
Max. Cable Length	4 m / 13 ft	4 m / 13ft	-	4 m / 13 ft	70 m / 230 ft
Dimensions (mm)	70 x 75 x 109	70 x 75 x 109	8DU x 3 HU x 170	94 x 180 x 91	22.5 x 99 x 120
Ports	Terminals	Terminals	Strip DIN 41612 trip-type B	Terminals	Terminals

OPTIONS AND ACCESSORIES

Product No.	Description	Product No.	Description
Moisture Detectors			
4111100	Moisture Detector FF-3-N (w/o cable)	4111020	Controller FF-HM-230
41111000	Moisture Detector FF-3-N (w cable)	4111030	Controller FF-HM-24
4189699	Moisture Detector FF-40	4111017	Controller FF-1-U
Adaptors			
4011000	Adaptor type G (PVDF)	4111015	Controller FF-3-U
40110001	Adaptor type NPT1/4 (PVDF)	4111016	Controller FF-3-U-2
4011005	Adaptor type S (Stainless Steel)	4111012	Controller ER-145/A, 230V
		4111014	Controller ER-145/A, 155V
		4111040	Controller FF-19

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