

FIU 3400X-140/FIU 3400-141 Module Specifications

Memosens I Interface for digital sensor	Power supply: +3.0 ... 3.15 V / I _{max} =6 mA, R _i = 45 Ω Interface: RS 485 Transfer rate: 9,600 Bd Cable length: Max. 150 m
Memosens II Interface for digital sensor	Power supply: +3.0 ... 3.15 V / I _{max} =6 mA, R _i = 45 Ω Interface: RS 485 Transfer rate: 9,600 Bd Cable length: Max. 150 m
Unical Interface to Unical 9000(X)/ Uniclean 900(X)	Power supply: U ₀ = 7.0 ... 7.5 V, +15% / I _{max} =15 mA, R _i = 66 Ω, for operation of Unical 9000 / Uniclean 900 Interface: RS 485 Transfer rate: 1200 Bd Cable length: Max. 20 m
Explosion protection	See Ex Certificates and EU Declaration of Conformity or www.knick.de
Memosens hazardous area connection with FIU 3400X-140-2	U ₀ : 5.1 V I ₀ : 130 mA P ₀ : 166 mW C _i : 0.12 μH L _i : 2 μH
EMC	NAMUR NE 21 and EN 61326-1 EN 61326-2-3 Emitted interference Class B (residential) Immunity to Industrial applications interference
RoHS conformity	According to EU directive 2011/65/EU
Lightning protection	According to EN 61000-4-5, installation class 2
Rated operating conditions	Ambient temperature Safe area: -20 ... 55 °C / -4 ... 131 °F Ex: -20 ... 50 °C / -4 ... 122 °F Relative humidity: 5 ... 95 % Climatic class 3K5 according to EN 60721-3-3 Location class C1 according to EN 60654-1 Transport / storage temperature -20 ... 70 °C / -4 ... 158 °F
Housing	Module enclosure PC/ABS blend Color Black Degree of protection IP 20 Dimensions (mm) 118 x 91 x 21 W x L x H Terminals Screw clamp connector, single and stranded wires up to 2.5 mm ²

Protos 3400 (X)

FIU 3400X-140/FIU 3400-141 Module Terminal Assignments

