



	Date	Name	$\frac{\text{mm}}{\text{Inch}}$	Scale 1:1		Drawing No:
Drawn	12.06.2014	Mielk	General Tolerances			29-214-12
Check	12.06.2014	Grind	DIN ISO 2768 mK			
						NSN.:

ENVIRONMENTALLY SEALED

TECHNICAL DATA

ENVIRONMENTAL CHARACTERISTICS

TEMPERATURE RANGE.....	-40°C TO +85°C (-40°C F TO +185°F)
MAX. ALTITUDE RATING.....	50 000 FT
SEAL.....	IP67 (6FEET/0,2BAR-1MIN.) I.A.W. IEC 529
	IP6K9K (STEAM PRESSURE) DIN 40050 PART 9 AND I.A.W. IEC 529
SHOCK G-LEVEL.....	6 G/ 11 MSEC
VIBRATION.....	4 G/ 50-2000 Hz

ELECTRICAL CHARACTERISTICS

MIN.INSULATION RESISTANCE; INITIAL.....	100 MEGOHMS
AFTER LIFE OR ENVIRONMENTAL.....	50 MEGOHMS
DIELECTRIC WITHSTANDING VOLTAGE	
SEA-LEVEL 1 MINUTE.....	1 050 VOLTS
ALTITUDE 1 MINUTE.....	500 VOLTS
MAX. CONTACT DROP INITIAL.....	0.15 VOLTS
AFTER LIFE TEST.....	0.175 VOLTS
OVERLOAD.....	1600 AMP FOR 1 SEC,400 AMP FOR 20 SEC
DUTY RATING.....	200 AMP CONTINUOUS

RATED CONTACT LOAD (28 VDC)

RESISTIVE LOAD.....	200 000 CYCLES WITH 200 AMP
ENDURANCE.....	2 000 000 CYCLES

OPERATING CHARACTERISTICS

COIL DATA

VOLTAGE RANGE.....	18-32 VDC
NOMINAL VOLTAGE.....	28 VDC
PICK UP VOLTAGE MAX.....	18 VDC FULL TEMP. RANGE
DROP OUT VOLTAGE MAX.....	≤ 4 VDC FULL TEMP. RANGE
COIL RESISTANCE.....	62 OHMS ± 10%
COIL CURRENT APPROX.....	0,4 AMP
COIL POWER APPROX.....	10 WATT

TIME-MILLISECONDS-MAX. CONTACT (NO)

OPERATE.....	40
BOUNCE.....	5
RELEASE.....	20

TIME-MILLISECONDS-MAX. BREAK CONTACT (NC)

OPERATE.....	40
BOUNCE.....	5
RELEASE.....	20

WHEIGT.....0.76 KG = 1.68 POUND MAX.

WIRE SECTION (AT NOMINAL LOAD)MIN.70mm² /0.109 sq.in./AWG 00

MOUNTING POSITION.....OPTIONAL

SUBJECT TO CHANGE

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