



RATED OPERATING DISTANCE  MOUNTING MODE  MIN. REPEAT ACCURACY  ≤ 2%  TEMPERATURE DRIFT  HYSTERESIS  OPERATING TEMPERATURE  RATED OPERATIONAL VOLTAGE  RATED OPERATIONAL VOLTAGE  RATED OPERATIONAL CURRENT  NO—LOAD CURRENT  RESIDUAL RIPPLE  ≤ 10%  RATED OPERATIONAL CURRENT  NO—LOAD CURRENT  RESIDUAL CURRENT  RATED INSULATION VOLTAGE  MAX. VOLTAGE DROP  SHORT—CIRCUIT PROTECTED  WIRE—BREAK PROTECTION  WIRE—BREAK PROTECTION  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  CONNECTION  M12x1  SHOCK RESISTANCE  VERMET ON MAPPLITUDE  VERMET ON MAPPLITUDE  VERMET ON MAPPLITUDE  VIBRATION RESISTANCE  DEGREE OF PROTECTION  VICTORY  VERMET ON MAPPLITUDE  V	SPECIFI	CATIONS					
MIN. REPEAT ACCURACY  TEMPERATURE DRIFT  HYSTERESIS  OPERATING TEMPERATURE  RATED OPERATIONAL VOLTAGE  RESIDUAL RIPPLE  RATED OPERATIONAL CURRENT  NO-LOAD CURRENT  RESIDUAL CURRENT  RATED INSULATION VOLTAGE  SHORT-CIRCUIT PROTECTED  MAX. VOLTAGE DROP  WIRE-BREAK PROTECTION  MINCORPORATED  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  CONNECTION  WIRE-STANCE  VIBRATION RESISTANCE  DEGREE OF PROTECTION  MINCORPORATION  MINCORPORATED  MINCORPO	RATED OPERATING DISTANCE	20mm =.788"					
TEMPERATURE DRIFT  HYSTERESIS  OPERATING TEMPERATURE  -25°C to +70°C (-13°F to +158°F)  RATED OPERATIONAL VOLTAGE  RESIDUAL RIPPLE  RATED OPERATIONAL CURRENT  NO-LOAD CURRENT  RESIDUAL CURRENT  S 15 mA  RESIDUAL CURRENT  RATED INSULATION VOLTAGE  SHORT—CIRCUIT PROTECTED  MAX. VOLTAGE DROP  REVERSE POLARITY PROTECTION  WIRE—BREAK PROTECTION  MINCORPORATED  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  CONNECTION  M12x1  SHOCK RESISTANCE  DEGREE OF PROTECTION  IP67	MOUNTING MODE	NON-FLUSH					
HYSTERESIS  OPERATING TEMPERATURE  -25°C to +70°C (-13°F to +158°F)  RATED OPERATIONAL VOLTAGE  RESIDUAL RIPPLE  S10%  RATED OPERATIONAL CURRENT  NO-LOAD CURRENT  S15 mA  RESIDUAL CURRENT  RATED INSULATION VOLTAGE  SHORT—CIRCUIT PROTECTED  WIRE—BREAK PROTECTION  WIRE—BREAK PROTECTION  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  CONNECTION  M12x1  SHOCK RESISTANCE  DEGREE OF PROTECTION  JOHN 20°C to +70°C (-13°F to +158°F)  10−30 VDC	MIN. REPEAT ACCURACY	≤ 2%					
OPERATING TEMPERATURE  -25°C to +70°C (−13°F to +158°F)  RATED OPERATIONAL VOLTAGE  RESIDUAL RIPPLE  \$10%  RATED OPERATIONAL CURRENT  \$200 mA  NO-LOAD CURRENT  \$15 mA  RESIDUAL CURRENT  \$40.1 mA  RATED INSULATION VOLTAGE  SHORT-CIRCUIT PROTECTED  WIRE-BREAK PROTECTION  WIRE-BREAK PROTECTION  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  CONNECTION  M12x1  SHOCK RESISTANCE  DEGREE OF PROTECTION  DIPOT  10-30 VDC  1	TEMPERATURE DRIFT	≤±10%					
RATED OPERATIONAL VOLTAGE  RESIDUAL RIPPLE  ≤10%  RATED OPERATIONAL CURRENT  S 200 mA  NO—LOAD CURRENT  RESIDUAL CURRENT  RATED INSULATION VOLTAGE  SHORT—CIRCUIT PROTECTED  MAX. VOLTAGE DROP  SEVERSE POLARITY PROTECTION  WIRE—BREAK PROTECTION  OUTPUT FUNCTION  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  CONNECTION  M12x1  SHOCK RESISTANCE  VIBRATION RESISTANCE  DEGREE OF PROTECTION  INCORPORATED  A10—30 VDC  MAX SWITCHING FREQUENCY  A10—30 VDC	HYSTERESIS	3-15%					
RESIDUAL RIPPLE ≤10%  RATED OPERATIONAL CURRENT ≤200 mA  NO—LOAD CURRENT ≤15 mA  RESIDUAL CURRENT ≤0.1 mA  RATED INSULATION VOLTAGE ≤0.5 kV  SHORT—CIRCUIT PROTECTED YES  MAX. VOLTAGE DROP ≤1.8 V  REVERSE POLARITY PROTECTION INCORPORATED  WIRE—BREAK PROTECTION INCORPORATED  OUTPUT FUNCTION 2—WIRE, NORMALLY CLOSED  MAX. SWITCHING FREQUENCY ≤2 kHz  HOUSING MATERIAL METAL, BRASS/CHROME PLATED  ACTIVE FACE PLASTIC, PA12—GF30  CONNECTION M12×1  SHOCK RESISTANCE 30 g, 11 ms  VIBRATION RESISTANCE 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)  DEGREE OF PROTECTION IP67	OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)					
RATED OPERATIONAL CURRENT  S 200 mA  NO—LOAD CURRENT  RESIDUAL CURRENT  RATED INSULATION VOLTAGE  SHORT—CIRCUIT PROTECTED  MAX. VOLTAGE DROP  S 1.8 V  REVERSE POLARITY PROTECTION  WIRE—BREAK PROTECTION  UNCORPORATED  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  CONNECTION  M12x1  SHOCK RESISTANCE  DEGREE OF PROTECTION  S 0.1 mA  S 1.5 mA  S 1.8 v  INCORPORATED  INCORPORATED  INCORPORATED  S 2 kHz  HOUSING MATERIAL  METAL, BRASS/CHROME PLATED  M12x1  SHOCK RESISTANCE  VIBRATION RESISTANCE  DEGREE OF PROTECTION  IP67	RATED OPERATIONAL VOLTAGE	10-30 VDC					
NO-LOAD CURRENT       ≤ 15 mA         RESIDUAL CURRENT       ≤ 0.1 mA         RATED INSULATION VOLTAGE       ≤ 0.5 kV         SHORT-CIRCUIT PROTECTED       YES         MAX. VOLTAGE DROP       ≤ 1.8 V         REVERSE POLARITY PROTECTION       INCORPORATED         WIRE-BREAK PROTECTION       INCORPORATED         OUTPUT FUNCTION       2-WIRE, NORMALLY CLOSED         MAX. SWITCHING FREQUENCY       ≤ 2 kHz         HOUSING MATERIAL       METAL, BRASS/CHROME PLATED         ACTIVE FACE       PLASTIC, PA12-GF30         CONNECTION       M12x1         SHOCK RESISTANCE       30 g, 11 ms         VIBRATION RESISTANCE       55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)         DEGREE OF PROTECTION       IP67	RESIDUAL RIPPLE	≤10%					
RESIDUAL CURRENT ≤ 0.1 mA  RATED INSULATION VOLTAGE ≤ 0.5 kV  SHORT-CIRCUIT PROTECTED YES  MAX. VOLTAGE DROP ≤ 1.8 V  REVERSE POLARITY PROTECTION INCORPORATED  WIRE-BREAK PROTECTION INCORPORATED  OUTPUT FUNCTION 2-WIRE, NORMALLY CLOSED  MAX. SWITCHING FREQUENCY ≤ 2 kHz  HOUSING MATERIAL METAL, BRASS/CHROME PLATED  ACTIVE FACE PLASTIC, PA12-GF30  CONNECTION M12×1  SHOCK RESISTANCE 30 g, 11 ms  VIBRATION RESISTANCE 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)  DEGREE OF PROTECTION IP67	RATED OPERATIONAL CURRENT	≤ 200 mA					
RATED INSULATION VOLTAGE ≤ 0.5 kV  SHORT-CIRCUIT PROTECTED YES  MAX. VOLTAGE DROP ≤ 1.8 V  REVERSE POLARITY PROTECTION INCORPORATED  WIRE-BREAK PROTECTION INCORPORATED  OUTPUT FUNCTION 2-WIRE, NORMALLY CLOSED  MAX. SWITCHING FREQUENCY ≤ 2 kHz  HOUSING MATERIAL METAL, BRASS/CHROME PLATED  ACTIVE FACE PLASTIC, PA12-GF30  CONNECTION M12x1  SHOCK RESISTANCE 30 g, 11 ms  VIBRATION RESISTANCE 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)  DEGREE OF PROTECTION IP67	NO-LOAD CURRENT	≤ 15 mA					
SHORT-CIRCUIT PROTECTED  MAX. VOLTAGE DROP  ≤ 1.8 V  REVERSE POLARITY PROTECTION  WIRE-BREAK PROTECTION  OUTPUT FUNCTION  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  CONNECTION  M12x1  SHOCK RESISTANCE  VIBRATION RESISTANCE  DEGREE OF PROTECTION  M2 1.8 V  INCORPORATED  INCORPORATED  INCORPORATED  MCORPORATED  MCORPORATED  MCORPORATED  MCORPORATED  MCORPORATED  MCORPORATED  MCORPORATED  MCORPORATED  METAL, BRASS/CHROME PLATED  M12x1  SHOCK RESISTANCE  JO 9, 11 ms  VIBRATION RESISTANCE  VIBRATION RESISTANCE  DEGREE OF PROTECTION  M12x1  MCORPORATED  MAX. SWITCHING FREQUENCY  SOLUTION  METAL, BRASS/CHROME PLATED  M12x1  SHOCK RESISTANCE  VIBRATION RESISTANCE  MCORPORATED  MAX. SWITCHING  METAL, BRASS/CHROME PLATED  MCORPORATED  METAL, BRASS/CHROME PLATED  MCORPORATED  MCORPOR	RESIDUAL CURRENT	≤ 0.1 mA					
MAX. VOLTAGE DROP       ≤ 1.8 V         REVERSE POLARITY PROTECTION       INCORPORATED         WIRE-BREAK PROTECTION       INCORPORATED         OUTPUT FUNCTION       2-WIRE, NORMALLY CLOSED         MAX. SWITCHING FREQUENCY       ≤ 2 kHz         HOUSING MATERIAL       METAL, BRASS/CHROME PLATED         ACTIVE FACE       PLASTIC, PA12-GF30         CONNECTION       M12x1         SHOCK RESISTANCE       30 g, 11 ms         VIBRATION RESISTANCE       55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)         DEGREE OF PROTECTION       IP67	RATED INSULATION VOLTAGE	≤0.5 kV					
REVERSE POLARITY PROTECTION INCORPORATED  WIRE—BREAK PROTECTION INCORPORATED  OUTPUT FUNCTION 2—WIRE, NORMALLY CLOSED  MAX. SWITCHING FREQUENCY ≤ 2 kHz  HOUSING MATERIAL METAL, BRASS/CHROME PLATED  ACTIVE FACE PLASTIC, PA12—GF30  CONNECTION M12x1  SHOCK RESISTANCE 30 g, 11 ms  VIBRATION RESISTANCE 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)  DEGREE OF PROTECTION IP67	SHORT-CIRCUIT PROTECTED	YES					
WIRE-BREAK PROTECTION       INCORPORATED         OUTPUT FUNCTION       2-WIRE, NORMALLY CLOSED         MAX. SWITCHING FREQUENCY       ≤ 2 kHz         HOUSING MATERIAL       METAL, BRASS/CHROME PLATED         ACTIVE FACE       PLASTIC, PA12-GF30         CONNECTION       M12x1         SHOCK RESISTANCE       30 g, 11 ms         VIBRATION RESISTANCE       55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)         DEGREE OF PROTECTION       IP67	MAX. VOLTAGE DROP	≤ 1.8 V					
OUTPUT FUNCTION     2-WIRE, NORMALLY CLOSED       MAX. SWITCHING FREQUENCY     ≤ 2 kHz       HOUSING MATERIAL     METAL, BRASS/CHROME PLATED       ACTIVE FACE     PLASTIC, PA12-GF30       CONNECTION     M12x1       SHOCK RESISTANCE     30 g, 11 ms       VIBRATION RESISTANCE     55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)       DEGREE OF PROTECTION     IP67	REVERSE POLARITY PROTECTION	INCORPORATED					
MAX. SWITCHING FREQUENCY ≤ 2 kHz  HOUSING MATERIAL METAL, BRASS/CHROME PLATED  ACTIVE FACE PLASTIC, PA12—GF30  CONNECTION M12x1  SHOCK RESISTANCE 30 g, 11 ms  VIBRATION RESISTANCE 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)  DEGREE OF PROTECTION IP67	WIRE-BREAK PROTECTION	INCORPORATED					
HOUSING MATERIAL  ACTIVE FACE  PLASTIC, PA12-GF30  CONNECTION  M12x1  SHOCK RESISTANCE  VIBRATION RESISTANCE  DEGREE OF PROTECTION  METAL, BRASS/CHROME PLATED  M12x1  S12x1  S12x1  METAL, BRASS/CHROME PLATED  (N12x1)  M12x1  S12x1  METAL, BRASS/CHROME PLATED  (N12x1)  M12x1  S12x1  METAL, BRASS/CHROME PLATED  (N12x1)  MI2x1  MI2x	OUTPUT FUNCTION	2-WIRE, NORMALLY CLOSED					
ACTIVE FACE  CONNECTION  M12x1  SHOCK RESISTANCE  VIBRATION RESISTANCE  DEGREE OF PROTECTION  PLASTIC, PA12-GF30  M12x1  30 g. 11 ms  (in ALL 3 PLANES)  IP67	MAX. SWITCHING FREQUENCY	≤2 kHz					
CONNECTION M12x1  SHOCK RESISTANCE 30 g, 11 ms  VIBRATION RESISTANCE 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)  DEGREE OF PROTECTION IP67	HOUSING MATERIAL	METAL, BRASS/CHROME PLATED					
SHOCK RESISTANCE  VIBRATION RESISTANCE  DEGREE OF PROTECTION  30 g, 11 ms  55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)  IP67	ACTIVE FACE	PLASTIC, PA12-GF30					
VIBRATION RESISTANCE  DEGREE OF PROTECTION  55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)  IP67	CONNECTION	M12x1					
DEGREE OF PROTECTION IP67	SHOCK RESISTANCE	30 g, 11 ms					
DEGREE OF PROTECTION IP67	VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)					
CMITCHING STATIS INDICATION LED. VELLOW	DEGREE OF PROTECTION						
SWITCHING STATUS INDICATION   LED: TELLOW	SWITCHING STATUS INDICATION	LED: YELLOW					

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