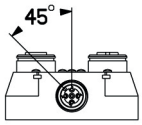
PROLOGANT4RP

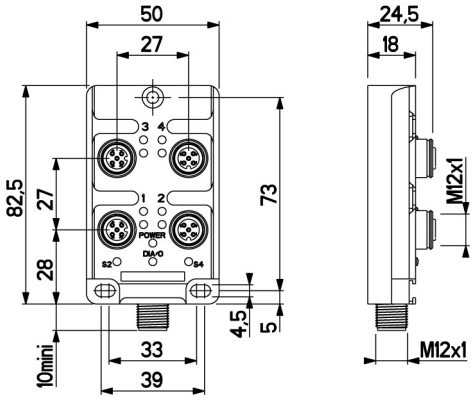
Industrial automation

RoHS CE

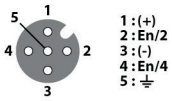
Technical data :	
Operating voltage	10…30 V DC
Input type	PNP compatible
Input current	< 7 mA
No-load consumption	< 10 mA
Output type	PNP
Operating current	250 mA
Voltage drop	< 2 V
Residual current	< 70 µA
Ambient temperature range	-25…70 °C
Protection :	
Protection degree	IP67
Reverse polarity protection	
Overload and short-circuit outputs protection (Itotal Max : 0,25 A @ 70°C)	
Input overload and short-circuit protection	
IEC 61000-4-2 (ESD)	4 kV contact / 8kV air
IEC 61000-4-4 (Burst)	2kV / 5kHz
IEC 61000-4-6 (RF conducted)	3V 150kHz…80MHz
Status indication :	
Power	Green LED
Inputs	Yellow LEDs
Outputs	Yellow LEDs
Short-circuit output (DIA/O)	Red LED
Materials :	
Housing	Anodized aluminium
Potting	PUR (UL94-V0 self-extinguishing)
M12 female receptacle :	
Receptacle material	CuZn, nickel-plated
Contact diameter	5 x Ø1 mm
Contact material	CuZn, pre-plated with nickel and gold-plated
Contact resistance	< 5 mΩ
M12 male receptacle :	
Receptacle material	CuZn, nickel-plated
Contact diameter	5 x Ø1 mm
Contact material	CuZn, pre-plated with nickel and gold-plated
Contact resistance	< 5 mΩ
Accessories (included) :	
5 label holders (EMR)	
Accessories (not included) :	
Logic plug (SHUNTPRO)	
Fitting of a SHUNTPRO «logic plug» on each unused receptacle.	
Compatibility :	
Inputs compatible with 3-wire PNP and 2-wire IPS with residual voltage <6,5V and residual current <800µA	
Remarks :	
Possibility to connect several splitters together (please enquire).	
In case of «dry contacts» used (please enquire).	

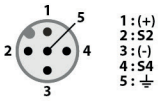
Dimensions :





Truth table :





E1/2	E2/2	E3/2	E4/2	E1/4	E2/4	E3/4	E4/4	S2	S4
1	1	1	1	0	0	0	0	1	0
0	0	0	0	1	1	1	1	0	1
Tout autre état								0	0

For uses in particularly harsh environments: Please enquire
We reserve the right to modify all or part of characteristics of our products without warning.

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