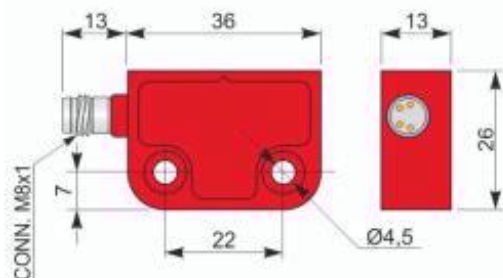




Part number: QMP000028 - Model: SMS36-P5 NO+NC H1 PL



Dimension in mm

TECHNICAL CHARACTERISTICS

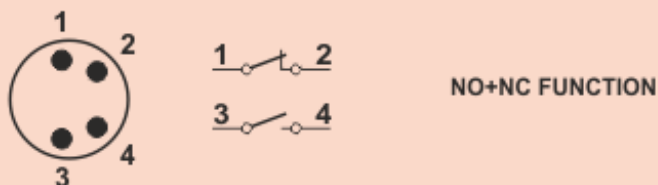
Rated operational voltage U_e :	24 Vac/dc
Rated operational current I_e :	0.25A
Max switching load:	6W (resistive load)
Function:	NO+NC (with magnetic actuator present)
Thermal current I_{Th} :	0.25A
Rated insulation voltage U_i :	60Vac / 75Vdc
Rated impulse withstand voltage U_{imp} :	1.5KV
Electrical endurance:	1 million of cycles
Assured operating distance S_{ao} :	5 mm with target AMS36-P5
Assured release distance S_{ar} :	15mm with target AMS36-P5
Repeat accuracy:	< 10%
Switching distance:	200Hz
Response time:	
SIL level (SIL CL):	up to SIL3 according to IEC 62061 e EN 62061
Performance level (PL):	up to PL e according to EN ISO 13849-1
Safety category:	up to 4 according to EN ISO 13849-1
B10d for each channel:	400.000 cycles (full load: DC12, 24V, 0.25A) e 20.000.000 of cycles (with AECO safety Module)
Conformig to the standard:	EN 60947-1, IEC 60947-1, EN 60947-5-1, IEC 60947-5-1, EN 60947-5-2, IEC 60947-5-2, EN 60947-5-3 , IE
Conforms to the directives:	2006/42/EC - Machinery Directive and 2014/30/EU - Electromagnetic Compatibility Directive
Temperature limits:	-25 ÷ +80°C
Protection degree:	IP67
Pollution degree:	3
Schock resistance:	30gn -11ms according to IEC 60068-2-27 and EN 60068-2-27
Vibrations resistance:	10gn-(10 ... 150Hz) according to IEC 60068-2-6 and EN 60068-2-6
Housing material:	PBT +FV



Part number: QMP000028 - Model: SMS36-P5 NO+NC H1 PL

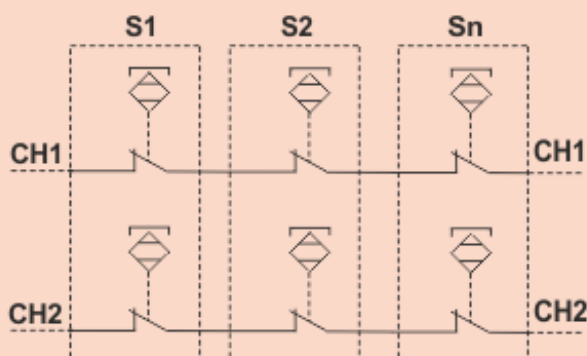
WIRING DIAGRAM

M8x1 CONNECTOR MODEL



INSTRUCTIONS FOR CORRECT INSTALLATION

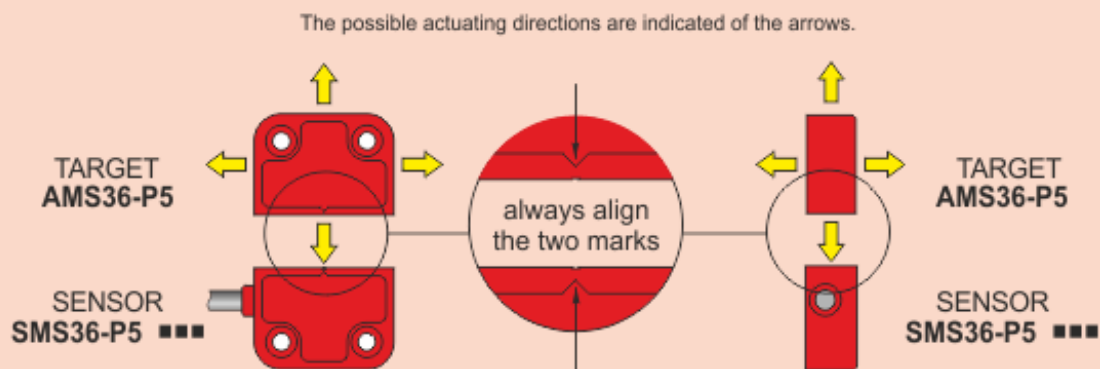
CONNECTION OF MORE SENSORS TO SAFETY MODULE



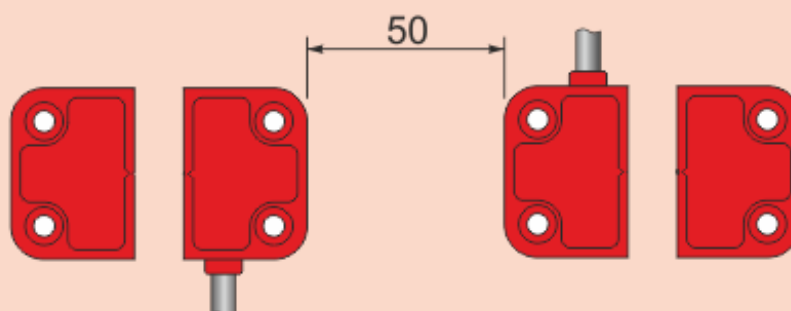
It is possible to connect in series more safety magnetic sensors to the module **MS-ER MA R01**. The total resistance of the sensors and cables must not exceed the input resistance of the single channel of the safety module. With this technique you can realize circuits up to Category 3 according to ISO EN 13849-1.

S1, S2, ..., Sn = Safety magnetic sensors
CH1 = Input channel 1 of the Safety Module
CH2 = Input channel 2 of the Safety Module

ACTUATING DIRECTIONS

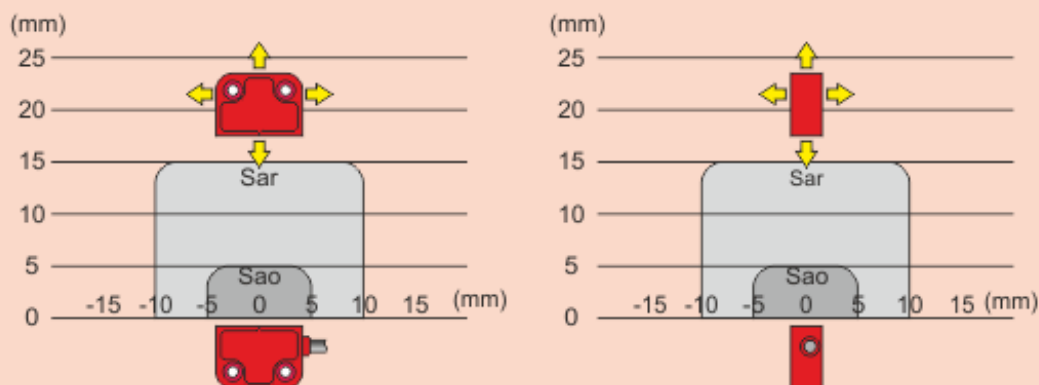


MULTIPLE SENSOR-ACTUATOR SYSTEMS ASSEMBLY



N.B. The minimum distance between *sensor-actuator* systems must be at least 50mm.

SWITHING DISTANCE



N.B. The drawing of the activation areas is indicative.