

PSEN sc M 5.5 08-17

6D000019



Master – model, series connection for up to 3 subscribers, 30 mm, 40 mm, 50 mm, 70 mm, 150 mm detection capability, muting, partial muting, override, EDM, restart applications in accordance with EN ISO 61496-3, vertical applications, reference markers, measured data output (UDP), fast replacement, exchangeable memory block, Window replacement, ROS & C++ interface available, -10°C ... +50°C, 5.5 m safety zone, expanded connection options (I/O), 3 safety zones parallel, 3 warning zones parallel, 70 configurable zone sets.

Technical details

General data

Approval:	CE, UKCA, cULus Listed, TÜV, EAC (Eurasian)
ESPE type:	3
:	3
Product type:	Master
Sensor principle:	optical
Selectable resolutions:	50 mm, 40 mm, 30 mm, 150 mm, 70 mm
Range warning zone var. res.:	40 m/Resolution 150 mm, 22 m/Resolution 40 mm, 19 m/Resolution 30 mm, 23 m/Resolution 50 mm, 40 m/Resolution 70 mm
Range safety zone various res.:	3 m/Resolution 40 mm, 5.5 m/Resolution 150 mm, 2.50 m/Resolution 30 mm, 4 m/Resolution 50 mm, 5.5 m/Resolution 70 mm
Number of zone configurations:	70

Technical data

Electrical data

Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Power consumption DC:	8 W

Optical data

Used wavelength range:	905 nm
Scanning area:	275°
Max. opening angle vertical:	0.12°

Angular resolution:	0.1°
Configurable inputs/outputs	
Number of configurable I/Os:	2
Inputs	
Number of inputs:	12
Signal level at input at 0:	< 5 V
DC voltage at input:	24 V
Semiconductor outputs	
Number of OSSD outputs:	6
Current "0" S/C O PSENscan:	< 700 µA
Ethernet interface	
Connector type ETHERNET int.:	M12x1, 4-pin, D-code
Ethernet transmission rate:	100 MBit/s
CANopen interface	
Number of Ethernet interfaces:	1
Environmental data	
Ambient temperature:	-10 - 50 °C
Humidity rating:	Max. 95 %
Condensation permitted?:	Not permitted
Perm. operating height ASL:	2000 m
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	10g
Times	
Reaction time:	62 - 62 ms
Rotation time:	30 ms
Mechanical data	
Connection type:	M12, 8-pin male, M12, 17-pin male
Housing material:	Aluminium
Housing material upper part:	PC

Material front screen:	PMMA
Height dimension:	152 mm
Width dimension:	102 mm
Depth dimension:	112.5 mm
Net weight:	1530 g
Gross weight:	2140 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	no
REACH compliance:	Contains no SVHC substances
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	90314990
UNSPSC 25:	39121528
EAN-Code:	4046548095333
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27272705
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002550
Volume:	13.020

Obligatory accessories



540326

PSEN cable axial M12 8-pole 30m

	6D000033	PSEN sc cable M12-17sf, 50m
	540320	PSEN cable axial M12 8-pole 5m
	6D000022	PSEN sc cable CAT5e M12-8sm/M12-8sm, 1m
	6D000011	PSEN sc bracket C
	540321	PSEN cable axial M12 8-pole 10m
	6D000023	PSEN sc cable CAT5e M12-8sm/M12-8sm, 3m
	6D000031	PSEN sc cable M12-17sf, 20m
	6D000010	PSEN sc bracket F
	540319	PSEN cable axial M12 8-pole 3m



631073

PSEN op Ethernet cable 10m



6D000004

PSEN sc bracket H



6D000026

PSEN sc cable CAT5e M12-8sm/M12-8sm, 20m



6D000027

PSEN sc cable M12-17sf, 2m



6D000002

PSEN sc bracket PR



6D000024

PSEN sc cable CAT5e M12-8sm/M12-8sm, 5m



6D000003

PSEN sc bracket P



6D000025

PSEN sc cable CAT5e M12-8sm/M12-8sm, 10m



631072

PSEN op Ethernet cable 3m



631071

PSEN op Ethernet cable 1m



6D000029

PSEN sc cable M12-17sf, 5m

Optional accessories



6D000005

PSEN sc memory 08-17



6D000008

PSEN sc cleaner



6D000009

PSEN sc cloth



6D000007

PSEN sc head