

PSEN sc S 3.0 08-12

6D000020



Subscriber - model, 30 mm/40 mm/50 mm/70 mm/150 mm detection capability, vertical applications, reference markers, fast replacement due to exchangeable memory block; 3.0 m safety zone; about PSENscan M devices: max. 2 safety zones active in parallel, max. 2 warning zones active in parallel, max. 10 configurable zone sets, measured data output (UDP), muting, override, EDM, restart applications in accordance with EN ISO 61496-3.

Technical details

General data

Approval:	CE, UKCA, cULus Listed, TÜV, EAC (Eurasian)
ESPE type:	3
:	2
Product type:	Subscriber
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, 2.50 m/Resolution 30 mm, 3 m/Resolution 50 mm, 3 m/Resolution 70 mm, 3 m/Resolution 150 mm
Number of zone configurations:	10

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°
Inputs	
Signal level at input at 0:	< 5 V
DC voltage at input:	24 V
Semiconductor outputs	
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	
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:	4046548095340
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27272791
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002550
Volume:	13.020

Obligatory accessories



6D000022

PSEN sc cable CAT5e M12-8sm/M12-8sm, 1m



6D000011

PSEN sc bracket C



6D000023

PSEN sc cable CAT5e M12-8sm/M12-8sm, 3m



6D000010

PSEN sc bracket F



6D000026

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



6D000004

PSEN sc bracket H



6D000002

PSEN sc bracket PR



6D000024

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



6D000025

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



6D000003

PSEN sc bracket P

Optional accessories



6D000008

PSEN sc cleaner



6D000009

PSEN sc cloth



6D000006

PSEN sc memory 08-12



6D000007

PSEN sc head