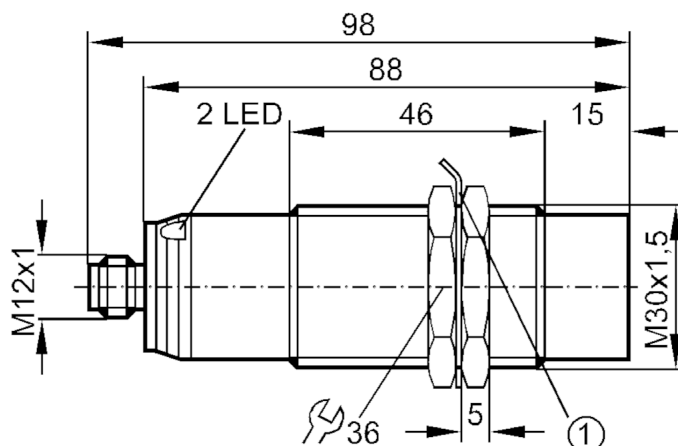


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1 earthing ring



Product characteristics

Electrical design		AS-i
Sensing range	[mm]	4...10
Housing		threaded type
Dimensions	[mm]	M30 x 1.5

Application

Special feature	Optical setting aid
• 60° wide-angle lens	• Optical level
• 90° wide-angle lens	• Optical plumb line
• 180° wide-angle lens	• Optical distance measurement
• 270° wide-angle lens	• Optical height measurement
• 360° wide-angle lens	• Optical area measurement
• 450° wide-angle lens	• Optical volume measurement
• 540° wide-angle lens	• Optical slope measurement
• 630° wide-angle lens	• Optical angle measurement
• 720° wide-angle lens	• Optical alignment
• 810° wide-angle lens	• Optical leveling
• 900° wide-angle lens	• Optical centering
• 990° wide-angle lens	• Optical focusing
• 1080° wide-angle lens	• Optical zoom
• 1170° wide-angle lens	• Optical autofocus
• 1260° wide-angle lens	• Optical image stabilization
• 1350° wide-angle lens	• Optical image processing
• 1440° wide-angle lens	• Optical image compression
• 1530° wide-angle lens	• Optical image storage
• 1620° wide-angle lens	• Optical image transfer
• 1710° wide-angle lens	• Optical image sharing
• 1800° wide-angle lens	• Optical image printing
• 1890° wide-angle lens	• Optical image editing
• 1980° wide-angle lens	• Optical image deletion
• 2070° wide-angle lens	• Optical image backup
• 2160° wide-angle lens	• Optical image recovery
• 2250° wide-angle lens	• Optical image restoration
• 2340° wide-angle lens	• Optical image enhancement
• 2430° wide-angle lens	• Optical image optimization
• 2520° wide-angle lens	• Optical image protection
• 2610° wide-angle lens	• Optical image security
• 2700° wide-angle lens	• Optical image encryption
• 2790° wide-angle lens	• Optical image decryption
• 2880° wide-angle lens	• Optical image authentication
• 2970° wide-angle lens	• Optical image verification
• 3060° wide-angle lens	• Optical image validation
• 3150° wide-angle lens	• Optical image certification
• 3240° wide-angle lens	• Optical image attestation
• 3330° wide-angle lens	• Optical image notarization
• 3420° wide-angle lens	• Optical image sealing
• 3510° wide-angle lens	• Optical image signing
• 3600° wide-angle lens	• Optical image stamping
• 3690° wide-angle lens	• Optical image watermarking
• 3780° wide-angle lens	• Optical image metadata management
• 3870° wide-angle lens	• Optical image rights management
• 3960° wide-angle lens	• Optical image access control
• 4050° wide-angle lens	• Optical image usage tracking
• 4140° wide-angle lens	• Optical image audit logging
• 4230° wide-angle lens	• Optical image incident response
• 4320° wide-angle lens	• Optical image forensic analysis
• 4410° wide-angle lens	• Optical image legal compliance
• 4500° wide-angle lens	• Optical image regulatory reporting
• 4590° wide-angle lens	• Optical image risk assessment
• 4680° wide-angle lens	• Optical image impact analysis
• 4770° wide-angle lens	• Optical image scenario planning
• 4860° wide-angle lens	• Optical image strategic thinking
• 4950° wide-angle lens	• Optical image innovation management
• 5040° wide-angle lens	• Optical image talent development
• 5130° wide-angle lens	• Optical image knowledge management
• 5220° wide-angle lens	• Optical image organizational culture
• 5310° wide-angle lens	• Optical image corporate governance
• 5400° wide-angle lens	• Optical image stakeholder engagement
• 5490° wide-angle lens	• Optical image community building
• 5580° wide-angle lens	• Optical image brand management
• 5670° wide-angle lens	• Optical image marketing strategy
• 5760° wide-angle lens	• Optical image sales promotion
• 5850° wide-angle lens	• Optical image customer relationship management
• 5940° wide-angle lens	• Optical image product lifecycle management
• 6030° wide-angle lens	• Optical image supply chain management
• 6120° wide-angle lens	• Optical image logistics optimization
• 6210° wide-angle lens	• Optical image inventory management
• 6300° wide-angle lens	• Optical image procurement management
• 6390° wide-angle lens	• Optical image contract management
• 6480° wide-angle lens	• Optical image dispute resolution
• 6570° wide-angle lens	• Optical image arbitration services
• 6660° wide-angle lens	• Optical image mediation services
• 6750° wide-angle lens	• Optical image litigation support
• 6840° wide-angle lens	• Optical image expert witness services
• 6930° wide-angle lens	• Optical image consulting services
• 7020° wide-angle lens	• Optical image training services
• 7110° wide-angle lens	• Optical image coaching services
• 7200° wide-angle lens	• Optical image mentoring services
• 7290° wide-angle lens	• Optical image networking services
• 7380° wide-angle lens	• Optical image industry association services
• 7470° wide-angle lens	• Optical image government affairs services
• 7560° wide-angle lens	• Optical image public relations services
• 7650° wide-angle lens	• Optical image crisis management services
• 7740° wide-angle lens	• Optical image reputation management services
• 7830° wide-angle lens	• Optical image social media management services
• 7920° wide-angle lens	• Optical image digital marketing services
• 8010° wide-angle lens	• Optical image analytics services
• 8100° wide-angle lens	• Optical image artificial intelligence services
• 8190° wide-angle lens	• Optical image blockchain services
• 8280° wide-angle lens	• Optical image cybersecurity services
• 8370° wide-angle lens	• Optical image cloud computing services
• 8460° wide-angle lens	• Optical image big data services
• 8550° wide-angle lens	• Optical image internet of things services
• 8640° wide-angle lens	• Optical image smart city services
• 8730° wide-angle lens	• Optical image autonomous driving services
• 8820° wide-angle lens	• Optical image space exploration services
• 8910° wide-angle lens	• Optical image environmental monitoring services
• 9000° wide-angle lens	• Optical image disaster relief services
• 9090° wide-angle lens	• Optical image humanitarian assistance services
• 9180° wide-angle lens	• Optical image peacekeeping services
• 9270° wide-angle lens	• Optical image conflict resolution services
• 9360° wide-angle lens	• Optical image justice services
• 9450° wide-angle lens	• Optical image law enforcement services
• 9540° wide-angle lens	• Optical image judicial services
• 9630° wide-angle lens	• Optical image legislative services
• 9720° wide-angle lens	• Optical image executive services
• 9810° wide-angle lens	• Optical image diplomatic services
• 9900° wide-angle lens	• Optical image international relations services
• 9990° wide-angle lens	• Optical image global cooperation services
• 10080° wide-angle lens	• Optical image world peace services
• 10170° wide-angle lens	• Optical image universal harmony services
• 10260° wide-angle lens	• Optical image eternal bliss services
• 10350° wide-angle lens	• Optical image ultimate enlightenment services
• 10440° wide-angle lens	• Optical image divine guidance services
• 10530° wide-angle lens	• Optical image spiritual awakening services
• 10620° wide-angle lens	• Optical image mystical experiences services
• 10710° wide-angle lens	• Optical image esoteric wisdom services
• 10800° wide-angle lens	• Optical image occult practices services
• 10890° wide-angle lens	• Optical image magical rituals services
• 10980° wide-angle lens	• Optical image alchemical arts services
• 11070° wide-angle lens	• Optical image hermetic sciences services
• 11160° wide-angle lens	• Optical image gnostic teachings services
• 11250° wide-angle lens	• Optical image kabbalistic secrets services
• 11340° wide-angle lens	• Optical image tarot readings services
• 11430° wide-angle lens	• Optical image astrology consultations services
• 11520° wide-angle lens	• Optical image palmistry sessions services
• 11610° wide-angle lens	• Optical image numerology analyses services
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Electrical data

Operating voltage	[V]	20...32 DC
Current consumption	[mA]	50
Reverse polarity protection		yes

Outputs

Electrical design	AS-i
Switching frequency DC [Hz]	40
Overload protection	yes

Detection zone

Sensing range	[mm]	4...10
Sensing range adjustable		yes

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 67

KI5066



Capacitive sensor

KIA2010-ASI /US-100

Tests / approvals		
EMC	EN 60947-5-2	
AS-i classification		
AS-i I/O configuration	[hex]	1
AS-i ID code	[hex]	F
AS-i certificate		00501
Mechanical data		
Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M30 x 1.5
Thread designation		M30 x 1.5
Materials		brass nickel-plated; PBT
Displays / operating elements		
Display	switching status	1 x LED, yellow
	setting aid	1 x LED, red
Optical setting aid		yes
Аксессуары		
Items supplied		lock nuts: 2
		screwdriver: 1
Remarks		
Remarks		Assured range: approx. 10...80 % of Sn
Pack quantity		1 pcs.
Electrical connection - plug		
Connector: 1 x M12; coding: A		



Connection

